

AMERICAN JOURNAL OF OPHTHALMOLOGY®

VOLUME 94
July—December, 1982

FRANK W. NEWELL, *Publisher and Editor-in-Chief*
Tribune Tower, Suite 1415, Chicago, Illinois 60611

EDITORIAL BOARD

THOMAS M. AABERG, *Milwaukee*
MATHEA R. ALLANSMITH, *Boston*
DOUGLAS R. ANDERSON, *Miami*
CHARLES J. CAMPBELL, *New York*
RONALD E. CARR, *New York*
CLAES H. DOHLMAN, *Boston*
FRED EDERER, *Bethesda*
EUGENE HELVESTON, *Indianapolis*
FREDERICK A. JAKOBIEC, *New York*
HERBERT E. KAUFMAN, *New Orleans*
STEVEN G. KRAMER, *San Francisco*
IRVING H. LEOPOLD, *Irvine*
ROBERT MACHEMER, *Durham*

A. EDWARD MAUMENE, *Baltimore*
IRENE H. MAUMENE, *Baltimore*
EDWARD W. D. NORTON, *Miami*
G. RICHARD O'CONNOR, *San Francisco*
ARNALL PATZ, *Baltimore*
DEBORAH PAVAN-LANGSTON, *Boston*
STEPHEN J. RYAN, *Los Angeles*
DAVID SHOCH, *Chicago*
BRUCE E. SPIVEY, *San Francisco*
BRADLEY R. STRAATSMA, *Los Angeles*
H. STANLEY THOMPSON, *Iowa City*
GUNTER K. VON NOORDEN, *Houston*
GEORGE O. WARING, *Atlanta*

CONSULTING BOARD

CROWELL BEARD, *San Jose*
BERNARD BECKER, *St. Louis*
BENJAMIN F. BOYD, *Panama*
THOMAS CHALKLEY, *Chicago*
DUPOINT GUERRY III, *Richmond*

ROBERT W. HOLLENHORST, *Rochester*
ARTHUR H. KEENEY, *Louisville*
CARL KUPFER, *Bethesda*
ALBERT M. POTTS, *Louisville*
MARVIN L. SEARS, *New Haven*

H. STANLEY THOMPSON, *Associate Editor*

THOMAS M. AABERG, *Associate Editor*

MARY L. BORYSEWICZ, *Executive Managing Editor*

COLLABORATORS

RONALD F. LOWE, *Melbourne, Australia*, AND E. LEE STOCK, *Chicago*

PUBLISHED MONTHLY BY THE OPHTHALMIC PUBLISHING COMPANY
Tribune Tower, Suite 1415, Chicago, Illinois 60611

The following scientific referees contributed generously of their knowledge, expertise, and time to review and to evaluate the suitability of typescripts submitted for publication to THE AMERICAN JOURNAL OF OPHTHALMOLOGY between November 1, 1981, and October 31, 1982. The Editorial Board is ever mindful of their generous contribution to the integrity and accuracy of THE JOURNAL.

MARK B. ABELSON
GARY W. ABRAMS
DANIEL M. ALBERT
MELVIN G. ALPER
MATHEW ALPERN
JORGE ALVARADO
RICHARD L. ANDERSON
WILLIAM ANNESLEY
JACK P. ANTEL
LEONARD APT
JAMES V. AQUAVELLA
JAMES J. AUGSBURGER
THOMAS AUGUST
PAUL AUSTIN
JULES L. BAUM
DONALD W. BENSON
ELIOT L. BERSON
WILLIAM M. BOURNE
FREDERICK S. BRIGHTEBILL
GEORGE H. BRESNICK
ROBERT J. BROCKHURST
STUART I. BROWN
RICHARD F. BRUBAKER
GORDON M. BRUCE
EILEEN BURD
RONALD M. BURDE
MILES J. BURKE
DELMAR R. CALDWELL
DAVID G. CAMPBELL
R. JEAN CAMPBELL
H. DWIGHT CAVANAGH
JOHN W. CHANDLER
STANLEY CHANG
STEVEN T. CHARLES
GILBERT W. CLEASBY
DAVID G. COGAN
ELISABETH J. COHEN
D. JACKSON COLEMAN
TERRY A. COX
JOHN S. CRAWFORD
ROBERT DAROFF
MATTHEW D. DAVIS
LESLIE DEGROOT
A. GERARD DEVÖE
KENNETH R. DIDDIE
J. GRAHAM DOBBIE
VELMA DOBSON
DONALD J. DOUGHMAN
ROBERT C. DREWS
ROBERT M. DRYDEN
LEE R. DUFFNER
STEVE DUNN
HENRY EDELHAUSER
PHILLIP P. ELLIS
ROBERT M. ELLSWORTH
VICTOR M. ELNER
DAVID EPSTEIN
TIBOR G. FARKAS
NORMAN T. FELBERG
FREDERICK L. FERRIS III
ANDREW P. FERRY
BEN S. FINE
STUART L. FINE
GERALD E. FONDA

RAMON L. FONT
ROBERT Y. FOOS
MAX FORBES
RICHARD K. FORSTER
C. STEPHEN FOSTER
FREDERICK T. FRAUNFELDER
MARCEL FRENKEL
MITCHELL H. FRIEDLAENDER
DAVID S. FRIENDLY
WAYNE E. FUNG
JOHN W. GAMEL
JAMES GANLEY
GEORGE E. GARCIA
J. DONALD M. GASS
ANTONIO R. GASSET
RONALD N. GASTER
KENNETH S. GINSBURG
JOEL S. GLASEN
SEYMOUR B. GOREN
W. MORTON GRANT
KEITH GREEN
W. RICHARD GREEN
ARTHUR S. GROVE
R. KENNON GUERRA
FRONCIE A. GUTMAN
DAVID L. GUYTON
WILLIAM HAM
CALVIN HANNA
BARRITT G. HAIK
DAVID O. HARRINGTON
GERALD J. HARRIS
DIANE HATCHELL
WILLIAM H. HAVENER
ERNEST HEATH
JOHN R. HECKENLIVELY
THOMAS R. HEDGES
JONATHAN HERSCHLER
LAWRENCE W. HIRST
ALBERT J. HOFELDT
KENNETH J. HOFFER
RICHARD E. HOOVER
H. DUNBAN HOSKINS, JR.
CREIG S. HOYT
WILLIAM F. HUGHES
GROVER M. HUTCHINS
ROBERT A. HYNDUK
A. RODMAN IRVINE
NORMAN S. JAFFE
LEE M. JAMPOL
ARTHUR J. JAMPOLSKY
WALTER JAY
WILLIAM H. JARRETT II
CHRIS A. JOHNSON
ROYCE O. JOHNSON II
IRA S. JONES
MICHAEL I. KAISER-KUPFER
ROBERT E. KALINA
MICHAEL A. KASS
ROBERT E. KENNEDY
JOHN S. KENNERDELL
KENNETHER R. KENYON
JOSEPH KIERNAN
MARILYN C. KINCAID
HARVEY Z. KLEIN

HANSJOERG KOLDER
ALLAN E. KOLKER
JAY H. KRACHMER
KENYON R. KRAMER
DEAN E. KRUETER
THEODORE KRUPIN
HAU C. KWANN
MAURICE B. LANDERS III
ALAN M. LATIES
THEODORE LAWWILL
JACK LAYTON
HOWARD M. LEIBOWITZ
MICHAEL A. LEMP
SIMMONS LESSELL
ALBERT LEVEILLE
PAUL R. LICHTER
HARVEY A. LINCOFF
HUNTER L. LITTLE
JANE R. LUBIN
MAURICE H. LUNTZ
FREDERICK D. MALKINSON
RISA MANN
MICHAEL F. MARMOR
MERLIN D. MARQUARDT
FREDERICK MAUSOLF
JAMES G. MAY
DAVID J. MCINTYRE
J. WALLACE McMEEL
SAMUEL D. MCPHERSON, JR.
GEOFFREY MENDELSON
TRAVIS A. MEREDITH
RONALD G. MICHELS
DAVID MILLER
JAMES E. MILLER
NEIL R. MILLER
JOEL S. MINDEL
BARTLY J. MONDINO
JOHN F. MULLAN
ROBERT P. MURPHY
KAMAL S. NASSIF
NANCY NEWMAN
DON H. NICHOLSON
ROBERT A. NOZIK
DENIS M. O'DAY
FRANKE E. O'DONNELL
EDWARD OKUN
KARL O. OSSONIG
H. BRUCE OSTLER
MARSHALL M. PARKS
EDWARD S. PERKINS
THOMAS H. PETTIT
CHARLES D. PHELPS
MARVIN J. PODGOR
JOEL POKORNÝ
FRANK M. POLACK
JEFFREY C. POPP
ROBERT PRENDERGAST
ALEX M. PUTTERMAN
HARRY A. QUIGLEY
MAURICE F. RABB
RONALD L. RADIUS
ROBERT C. RAMSAY
LAWRENCE RAND

ROBERT D. REINECKE
ROBERT M. RENNEBOHM
VINCENT M. RICCIARDI
ROBERT RITCH
RICHARD M. ROBB
DENNIS M. ROBERTSON
MERLYN M. RODRIGUES
MELVIN L. RUBIN
FELIX N. SABATES
ARAN SAFIR
PETER J. SAVINO
DAVID J. SCHANZLIN
HOWARD SCHATZ
ROBERT A. SCHIMEK
THEODORE R. SCHLAEGEL, JR.
RICHARD O. SCHULTZ
ALAN B. SCOTT
WILLIAM E. SCOTT
STUART R. SEIFF
JERRY A. SHIELDS
M. BRUCE SHIELDS
JOHN W. SIMON
ROBERT M. SMIBERT
J. LAWTON SMITH
RICHARD S. SMITH
RONALD E. SMITH
VIVIANNE C. SMITH
GILBERT SMOLIN
DANIEL SNYDACKER
ALFRED SOMMER
GEORGE L. SPAETH
ROBERT D. SPERDUTO
ROBERT L. STAMPER
WALTER J. STARK
MANUEL L. STILLERMAN
CASIMIR A. SWINGER
WILLIAM S. TASMAN
RICHARD R. TENZEL
FELIPE TOLENTINO
JONATHAN D. TROBE
STEPHEN TROKEL
RICHARD C. TROUTMAN
DAVID T. TSE
MARK O. M. TSO
E. MICHAEL VAN BUSKIRK
EVERETT R. VEIRS
ROBERT R. WALLER
ROBERT C. WATZKE
ROBERT N. WEINREB
JOHN F. WEISS
PAUL C. WETZIG
ROBERT B. WILKINS
GEORGE WILLIAMS
FRED M. WILSON II
RICHARD P. WILSON
ROBERT W. WISSSLER
J. REIMER WOLTER
VERNON G. WONG
SHIRLEY H. WRAY
MICHAEL E. YABLONSKI
ROBERT D. YEE
LORENZ E. ZIMMERMAN
THOM J. ZIMMERMAN

SUBJECT INDEX

Note: Abstract Index follows Author Index

A

ABO antigen
Beneficial effects of histocompatibility in high-risk corneal transplantation, 622

Acetazolamide
Aplastic anemia and acetazolamide (Corr.), 687

Adnexa
Basal cell carcinoma of the eyelid as an indicator of multifocal malignancy, 591
Expression of surface antigen Leu 1 by ocular adnexal lymphoid neoplasms, 246

Albinism
Oculocutaneous albinism as a manifestation of reduced neural crest derivatives in the Prader-Willi syndrome, 328

Allergy
Ocular side effects of antihistamine-decongestant combinations (Corr.), 565

Allopurinol
Allopurinol therapy and cataractogenesis in humans, 141
Cataracts associated with allopurinol therapy, 137

Amblyopia
Visual results in aphakic children, 441

Amyloidosis
Recurrence of lattice corneal dystrophy type 1 in the corneal grafts of twosiblings, 540

Angle-closure glaucoma
Argon laser treatment for medically unresponsive attacks of angle-closure glaucoma, 197
Argon laser treatment for relief of medically unresponsive angle-closure glaucoma attacks (Corr.), 821

Ankylosing spondylitis
Vitrectomy in uveitis associated with ankylosing spondylitis, 300

Anterior chamber
Shallow anterior chamber and uveal effusion after nonperforating trauma to the eye, 782

Antigen
Beneficial effects of histocompatibility in high-risk corneal transplantation, 622

Birdshot retinochoroidopathy
Birdshot retinochoroidopathy associated with HLA-A29 antigen and immune responsiveness to retinal S-antigen, 147

Bleb
Repairing filtering blebs (Corr.), 269

Book Reviews

Aston, S. J., Hornbliss, A., Meltzer, M. A., and Rees, T. D. (eds.): Third International Symposium of Plastic and Reconstructive Surgery of the Eye and Adnexa, 275

Berkow, R. (ed.): Merck Manual, 14th ed. (MEREDITH, T. A.), 828

Chalkley, T.: Your Eyes, 2nd ed. (BROWN, D. V. L.), 272

Chicago Style Manual, 13th ed. (BORYSEWICZ, M. L.), 570

Control of Vitamin A Deficiency and Xerophthalmia. Report of a Joint WHO/UNICEF/USAID/Helen Keller International/IVACG Meeting (TAYLOR, H. R.), 568

Dawson, C. R., Jones, B. R., and Tarizzo, M. L.: Guide to Trachoma Control in Programmes for the Prevention of Blindness (SOMMER, A.), 271

Friedman, A. H., Luntz, M. L., and Henly, W. L.: Diagnosis and Management of Uveitis (KAPLAN, H. J.), 428

Garnier, A., and Klintworth, G. K. (eds.): Pathobiology of Ocular Disease. A Dynamic Approach (NEWELL, F. W.), 126

Hartstein, J. (ed.): Extended Wear Contact Lenses for Aphakia and Myopia (CALDWELL, D. R.), 569

Hollyfield, J. G. (ed.): Structure of the Eye, 274

Jakobiec, F. A., and Zimmerman, L. E. (eds.): Studies in Ophthalmic Pathology and Oncology (KENNERDELL, J. S.), 826

Leonard, P., and Rommel, J.: Monographs in Ophthalmology. 4. Lens Implantation. 30 Years of Progress (NEWELL, F. W.), 699

Millar, R. E.: Why Is My Child Different? (KEENEY, A. H.), 700

Miller, N. R. (ed.): Walsh and Hoyt's Clinical Neuro-Ophthalmology, 4th ed. (NEWMAN, N.), 570

Minnigerode, B., and Stenger, H. H.: Spontan- und Provokations-Nystagmus, 2nd ed. (ELLENBERGER, C., Jr.), 128

Newell, F. W.: Ophthalmology. Principles and Concepts, 5th ed. (FRAUNFELDER, F. T.), 569

Pokorny, J., Collins, B., Howett, G., Lakowski, R., Lewis, M., Moreland, J., Paulson, H., Smith, V. C., and Shevel, S.: Procedures for Testing Color Vision (BRESNICK, G. H.), 567

Ritch, R., and Shields, M. B. (eds.): Secondary Glaucomas (ANDERSON, D. R.), 698

Royo, S. B., Simon, A. M., and Compte, R. B.: Los Melanomas Uvales (SHIELDS, J. A., and BARAD, R. F.), 569

Shields, M. B.: Study Guide for Glaucoma (LAYDEN, W. E.), 699

Sommer, A.: Nutritional Blindness. Xerophthalmia and Keratomalacia (PERKINS, E. S.), 127

Spaeth, G. L. (ed.): Ophthalmic Surgery. Principles and Practice (MCCULLOCH, C.), 696

Stein, H. A., Slatt, B. J., and Cook, P.: Manual of Ophthalmic Terminology (ARNOLD, P. N.), 273

Symposium on Diseases and Surgery of the Lids, Lacrimal Apparatus, and Orbit, 276

Trevor-Roper, P. D.: Ophthalmology (Pocket Consultant) (TOPPING, T. M.), 827

Yanoff, M., and Fine, B. S.: Ocular Pathology. A Text and Atlas, 2nd ed. (KINCAID, M. C.), 427

C

Carcinoma
Adenoid cystic carcinoma (Corr.), 684

Basal cell carcinoma of the eyelid as an indicator of multifocal malignancy, 591

Chemotherapy for choroidal metastases from breast carcinoma. 93: 810; correction, 428

Orbital metastasis of bladder carcinoma (Corr.), 265

Cataract
Allopurinol therapy and cataractogenesis in humans, 141

Bacterial endophthalmitis following cutting of sutures after cataract surgery, 528

Cataracts associated with allopurinol therapy, 137

Long-term visual results in bilateral congenital cataracts (Corr.), 691

Prevalence of ocular disease in a population study of subjects 65 years old and older, 181
Repairing filtering blebs (Corr.), 269
Stopcock for use during extracapsular cataract extraction, 675
Traumatic expulsion of an intraocular lens (Corr.), 263
Visual results in aphakic children, 441
Vitrectomy in uveitis associated with ankylosing spondylitis, 300

Cefoperazone
Cefoperazone concentrations in human aqueous humor after intravenous administration, 103

Cefoxitin
Penetration of intravenously administered cefoxitin into the aqueous humor of inflamed human eyes, 516

Chalazion
Nonsurgical therapy of chalazion (Corr.), 424
Transilluminated lid plate and chalazion clamp, 413

Children
Adenoid cystic carcinoma (Corr.), 684
Long-term visual results in bilateral congenital cataracts (Corr.), 691
New understanding of ocular herpetic disease (Edit.), 119
Presumed toxoplasmic retinochoroiditis in four siblings, 656
Self-inflicted ocular injuries in children, 630
Silicone intubation for obstruction of the nasolacrimal duct in children, 585
Silicone tube intubation in disorders of the lacrimal system in children, 290
Visual results in aphakic children, 441
Vitrectomy in infants and children with retinal detachments caused by cicatricial retrothalamic fibroplasia, 305

Chloramphenicol
Aplastic anemia and chloramphenicol (Corr.), 268
Fatal aplastic anemia following topical administration of ophthalmic chloramphenicol (Corr.), 420

Choroid
Apparent small cluster of choroidal melanoma cases, 172
Birdshot retinochoriopathy associated with HLA-A29 antigen and immune responsiveness to retinal S-antigen, 147
Chemotherapy for choroidal metastases from breast carcinoma, 93: 810; correction, 428
Choroidal ischemia, 489
Histopathology of presumed ocular histoplasmosis, 369
Presumed toxoplasitic retinochoroiditis in four siblings, 656
Pseudoinflammatory fundus dystrophy with autosomal recessive inheritance, 634
Retinal phlebitis with chororetinal emboli, 49
Role of hypersensitivity reactions to *Toxoplasma* antigens in experimental ocular toxoplasmosis in nonhuman primates, 159
Serous choroidal detachment and the thickened-choroid sign detected by ultrasonography, 499

Choroiditis
Unusual findings in serpiginous choroiditis, 650

Chromatopsia
Chromatopsia related to afterimages (Corr.), 811

Cladosporium sp.
Fungal flora of the conjunctival sac, 67

Coloboma
Anomalous intraocular and periocular formation of adipose tissue, 344

Color vision
Autosomal recessive vitreoretinopathy and encephaloceles, 18
Prosopagnosia, 75

Computed tomography
Clinical manifestations and radiologic findings in craniopharyngiomas in adults, 220
Combined clinical and computed tomographic diagnosis of orbital lymphoid tumors, 235
Combined clinical and computed tomographic diagnosis of primary lacrimal fossa lesions, 785
Computed tomography (Edit.), 415
Plaque causing homonymous hemianopsia in multiple sclerosis identified by computed tomography, 229

Cone
Ocular and systemic manifestations of the Bardet-Biedl syndrome, 750

Congenital disorders
Congenital lacrimal sac mucoceles, 106
Enlargement of congenital hypertrophy of the retinal pigment epithelium, 64

Long-term visual results in bilateral congenital cataracts (Corr.), 691
Conjunctiva
Effects of conjunctival resection on the corneal immune response, 388
Fungal flora of the conjunctival sac, 67
T-cell subsets and Langerhans cells in normal and diseased conjunctiva, 205

Conjunctivitis
Folk medicines and acute hemorrhagic conjunctivitis (Corr.), 559

Contact lens
Complications of contact lens wear after radial keratotomy in an animal model, 377
Mirror for self-examination by a patient with an aphakic eye, 674

Cornea
Beneficial effects of histocompatibility in high-risk corneal transplantation, 622
Central corneal endothelial cell density and central corneal thickness in ocular hypertension and primary open-angle glaucoma, 610
Complications of contact lens wear after radial keratotomy in an animal model, 377
Donor eye contamination, 395
Effects of conjunctival resection on the corneal immune response, 388
Factors that influence the efficacy of topical gentamicin prophylaxis for experimental *Pseudomonas* keratitis, 216
Fitting bandage lenses on flattened corneas (Corr.), 419
Goblet cell response to vitamin A treatment for corneal xerophthalmia, 213
Interstitial linear keratitis, 606
Mycobacterium chelonei keratitis, 398
Nocardia asteroides corneal ulcer (Corr.), 123
Ocular refraction after penetrating keratoplasty with infant donor corneas, 534
Ocular side effects of antihistamine-decongestant combinations (Corr.), 565
Partial corneal involvement in the iridocorneal endothelial syndrome, 774
Presumed autoimmune corneal endotheliopathy (Corr.), 689
Recurrence of lattice corneal dystrophy type I in the corneal grafts of twins, 540
Self-inflicted ocular injuries in children, 630
Technique for suture removal after penetrating keratoplasty, 549
Topical corticosteroid therapy for corneal toxicity from systemically administered cytarabine, 617

Corrections
Chemotherapy for choroidal metastases from breast carcinoma, 93: 810; correction, 428

Correspondence
Adenoid cystic carcinoma, by MIRANDA, D., BAMBIRRA, E. A., and DE SA FILHO, L. F., 684
Air-bubble test for lacrimal system patency, by KATZ, N. N. K., and CANFIELD, L. J. Reply by BROUGHTON, W. L., and LEDERMAN, M. E., 561
Alveolar soft-part sarcoma, by LITRICHIN, O., 554
Aplastic anemia and acetazolamide, by FLACH, A. J., 687
Aplastic anemia and chloramphenicol, by DAVIDOFF, E. Reply by FRAUNFELDER, F. F., BAGBY, G. C., Jr., and KELLY, D. J., 268
Argon laser photocoagulation for juxtapapillary subretinal neovascular membranes, by COSCAS, G., and SOUBRANE, G., 426
Argon laser treatment for relief of medically unresponsive angle-closure glaucoma attacks, by SHIN, D. H. Reply by RITCH, R., 821
Astigmatism after keratoplasty—possible cause and method of prevention, by KAUFMAN, H. E., 556
Auricular cartilage, by GROM, E., 563
Autosomal recessive vitreoretinopathy and encephaloceles, by VAN NOUHUYNS, E., 820
Axonal transport injury caused by diving, by JONASSON, F. Reply by CULLEN, J. F., 813
Bifid insertion of inferior oblique muscle, by BAKER, R. S., 267
Caution on sodium hyaluronate (Healon) syringe, by DAILY, L., 559
Chromatopsia related to afterimages, by FLACH, A. J., STONE, D. R., BECKER, C. E., and PETERSON, J. S., 811
Comparison of slit-lamp applanation tonometers, by MERRITT, J. C., WHITAKER, R., and ALEXANDER, M., 419
Conventional views about retinopathy of prematurity challenged, by SILVERMAN, W. A., 260
Correction of presbyopia accompanied by alternating extotropia, by TO'MEY, K. F., FAHD, S. D., and JABBOUR, N. M., 125
Corticosteroid dispensing error, by FLACH, A. J., and MURPHY, A., 565

Crowding of the peripheral nasal isopters in glaucoma, by WERNER, E. B. Reply by SHIELDS, M. B., 693
 Cystoid macular edema presumably induced by dipivefrin hydrochloride (Propine), by MEHELAS, T. J., KOLLARITS, C. R., and MARTIN, W. G., 682
 Early vitrectomy in the severely traumatized eye, by FULLER, D. G., and HUTTON, W. L. Reply by COLEMAN, D. J., 563
 Ectopic lacrimal gland under the nasal mucosa, by PE'ER, J., and ILSAR, M., 418
 Effect of continuous subcutaneous insulin infusion treatment on proliferative diabetic retinopathy, by SEGATO, T., MIDENA, E., PIERMAROCCHI, S., CREFALDI, G., and TIENGO, A., 685
 Effect of pregnancy on the natural course of diabetic retinopathy—correction, by MOLONEY, J. B. M., and DRURY, M. I., 696
 Fatal aplastic anemia following topical administration of ophthalmic chloramphenicol, by FLACH, A. J., 420
 Fitting bandage lenses on flattened corneas, by McDONALD, M. B., 419
 Fluorescein angiography in retinoblastoma, by RICCI, B., MOLLE, F., FALSINI, B., and LACERRA, F. Reply by OHNISHI, Y., 824
 Folk medicines and acute hemorrhagic conjunctivitis, by TAYLOR, H. R., CADET, J.-C., and SOMMER, A., 559
 Hazards of similar packaging, by MARMOR, M., 264
 High incidence of retinal detachment secondary to macular hole in a Chinese population, by CHANG, C., and HU, C., 817
 Insertion of posterior chamber intraocular lens, by HARBIN, R. L., and MATTINGLY, T. P., 560
 Instrument for manipulating an intraocular lens, by LEWICKY, A. O., 264
 Iridocyclitis, by SHAHINIAN, L., JR., KOEHN, M., and BROWN, J. Reply by CORWIN, J. M., and BAUM, J., 823
 Irrigating posterior capsule polisher-curette, by SHAMMAS, H. J. F., 125
 Laser light-scattering of in vivo human lenses, by WEISS, J. N., 683
 Lateral rectus muscle palsy associated with nitrofurantoin (Macrodantin), by MESAROS, M. P., SEYMOUR, J., and SADJADPOUR, K., 816
 Long-term visual results in bilateral congenital cataracts, by SCHULZ, E. Reply by HAASE, W., HOYT, C. S., GELBART, S., MARC, E., and JASTREBSKY, G., 691
 Loss of intraocular pressure control with Ocusert, by DAVIS, R. H., 262
 Macular cysts and holes, by SINGH, G., 819
Nettisseria subflava endophthalmitis, by STRICKER, R. B., POMPILIO, K. J., AXELROD, J. L., KOCHMAN, R. S., and NEWTON, J. C., 423
Nocardia asteroides corneal ulcer, by HIRST, L. W., MERZ, W. G., and GREEN, W. R., 123
 Non surgical therapy of chalazion, by DUA, H. S., and NILAWAR, D. V., 424
 Nosepiece for the operating prism loupe, by IUGLIO, N., 815
 Ocular melanoma, by EGAN-BAUM, E., SMITH, A. B., and ALBERT, D. M., 687
 Ocular side effects of antihistamine-decongestant combinations, by FARBER, A. S., 565
 Oculocardiac reflex during postoperative muscle adjustment, by ISENBERG, S. J., and BLECHMAN, B., 422
 Orbital floor fractures, by KOPF, G. M. Reply by KUSHNER, B. J., 692
 Orbital metastasis of bladder carcinoma, by KRAUSS, H. R., SLAMOVITS, T. L., SIBONY, P. A., DEKKER, A., and KENNEDY, J. S., 265
 Pars plana filtering procedure, by SINGH, M. Reply by SINCLAIR, S. H., 695
 Penicillamine, vitreous proliferation, and retinopathy of prematurity, by PHELPS, D. L., 688
 Presumed autoimmune corneal endotheliopathy, by SUGAR, A., and SMITH, T. Reply by KHODADOUST, A. A., 689
 Remission of pigmentary glaucoma in a patient with subluxed lenses, by RITCH, R., MANUSOW, D., and PODOS, S. M., 812
 Removing air bubbles from gonioscopic solution, by GIRARD, L. J., 817
 Repairing filtering blebs, by DELAPORTA, A. Reply by MAUMENE, A. E., 269
 Retinitis pigmentosa, by SCHOON, D. V. Reply by SEIFF, S. R., and HECKENLIVELY, J. R., 695
 Retinoids and intraocular tumors, by WAGONER, M. D., ROBINSON, N. L., and ALBERT, D. M., 425
 Retrieval of the iris, by SCHULZE, R. R., 263
 Reviewing previously published reports for scientific publications, by GIRARD, L. J., 815
 Septic retinal cyst in endogenous *Klebsiella* endophthalmitis, by SIPPERLEY, J. O., and SHORE, J. W., 124
 Sodium hyaluronate (Healon) as an aid to internal fluid-gas exchange, by LANDERS, M. B., III, 557
 Sugar solutions for ocular infections, by UHLENBRUCK, G., 686
 Super Glue mistaken for pilocarpine, by BERGER, R., 267
 Survey of ocular injuries sustained in traffic accidents, by NEWMAN, B. J., and JONES, I. S., 683
 Tests of significance, by SOMMER, A., 820
 Throwaway and scientific journals, by BACHRACH, C. A., 121
 Traumatic expulsion of an intraocular lens, by COBBLE, C. R., 268
 Unidirectional gaze paretic nystagmus induced by phenytoin intoxication, by HERISHANU, Y., OSIMANI, A., and LOUZOUN, Z., 122
Corticosteroid
 Medical treatment of glaucoma associated with cicatricial retinopathy of prematurity, 313
 Topical corticosteroid therapy for corneal toxicity from systemically administered cytarabine, 617
Cortisporin
 Cortisporin dispensing error (Corr.), 565
Craniopharyngioma
 Clinical manifestations and radiologic findings in craniopharyngiomas in adults, 220
Cystoid macular edema
 Cystoid macular edema presumably induced by dipivefrin hydrochloride (Propine) (Corr.), 682
Cytarabine
 Topical corticosteroid therapy for corneal toxicity from systemically administered cytarabine, 617

D

Dacryocystorhinostomy
 Gelfoam-thrombin dacryocystorhinostomy stent, 412

Demodex sp.
 Histopathology of meibomian gland dysfunction, 383

Dabetes
 Clinical and experimental studies on retinal neovascularization. XXXIX Edward Jackson Memorial Lecture, 715
 Effect of intraocular irrigating solutions on lens clarity in normal and diabetic rabbits, 594
 Transmission and scanning electron microscopic study of surgically excised preretinal membrane proliferations in diabetes mellitus, 473

Dibetal retinopathy
 Effect of continuous subcutaneous insulin infusion treatment on proliferative diabetic retinopathy (Corr.), 685
 Effect of pregnancy on the natural course of diabetic retinopathy—correction (Corr.), 696
 Prevalence of ocular disease in a population study of subjects 65 years old and older, 181

Diplophoria
 Cystoid macular edema presumably induced by dipivefrin hydrochloride (Propine) (Corr.), 682

Diplopia
 Divergence paralysis, 506
 Isolated lateral rectus muscle palsy associated with leukopenia in two adults, 550
 Oculocardiac reflex during postoperative muscle adjustment (Corr.), 422
 Paresis and restriction of the inferior rectus muscle after orbital floor fracture, 81

Drugs
 Cortisporin dispensing error (Corr.), 565
 Hazards of similar packaging (Corr.), 264

E

Edema
 Cyclic macular edema, 664
 Cystoid macular edema presumably induced by dipivefrin hydrochloride (Propine) (Corr.), 682
 Experimental subretinal hemorrhage in rabbits, 762

Editorials
 Changing aspects of management of ocular trauma (BRINTON, G. S., and AABERG, T. M.), 258
 Computed tomography (THOMPSON, H. S., and CORBETT, J. J.), 415
 The First Editor—Edward Jackson (NEWELL, F. W.), 809
 THE JOURNAL—1982 (NEWELL, F. W.), 678
 New understanding of ocular herpetic disease (KAUFMAN, H. E.), 119
 Retrobulbar fibroplasia (retinopathy of prematurity) (PATZ, A.), 552
 Richard G. Scobee Memorial Foundation (SHOCK, D.), 680

Embodium
 Retinal phlebitis with chorioretinal emboli, 49

Endophthalmitis
 Bacterial endophthalmitis following cutting of sutures after cataract surgery, 528
 Intraocular lenses and experimental bacterial endophthalmitis, 402

Neisseria subflava endophthalmitis (Corr.), 423
 Septic retinal cyst in endogenous *Klebsiella* endophthalmitis (Corr.), 124

Enophthalmos
 Use of room temperature vulcanizing silicone in anophthalmic enophthalmos, 408

Esotropia
 Alternative to marginal myotomy, 285
 Divergence paralysis, 506

Exotropia
 Correction of presbyopia accompanied by alternating exotropia (Corr.), 125

Extraocular muscle
 Divergence paralysis, 506

Eyelid
 Basal cell carcinoma of the eyelid as an indicator of multifocal malignancy, 591

F

Filtering surgery
 Cysts of Tenon's capsule following filtration surgery, 522
 Pars plana filtering procedure (Corr.), 695
 Reopening filtration fistulas with the argon laser, 1
 Repairing filtering blebs (Corr.), 269

Fistula
 Reopening filtration fistulas with the argon laser, 1

Fluorescein angiography
 Fluorescein angiography in retinoblastoma (Corr.), 824

Fluorouracil
 Fluorouracil for the treatment of massive periretinal proliferation, 458

Fundus
 Pseudoinflammatory fundus dystrophy with autosomal recessive inheritance, 634

Fungal infection
 Fungal flora of the conjunctival sac, 67

Fusarium sp.
 Fungal flora of the conjunctival sac, 67

G

Genetics
 Assessing the risk of retinitis pigmentosa with age-of-onset data, 38
 Autosomal dominant inheritance of retinoschisis, 338
 Autosomal recessive vitreoretinopathy and encephaloceles, 18
 Autosomal recessive vitreoretinopathy and encephaloceles (Corr.), 820
 Oculocutaneous albinism as a manifestation of reduced neural crest derivatives in the Prader-Willi syndrome, 328
 Pseudoinflammatory fundus dystrophy with autosomal recessive inheritance, 634
 Recurrence of lattice corneal dystrophy type 1 in the corneal grafts of twizsiblings, 540
 Retinitis pigmentosa (Corr.), 695

Gentamicin
 Factors that influence the efficacy of topical gentamicin prophylaxis for experimental *Pseudomonas* keratitis, 216
 Intraocular lenses and experimental bacterial endophthalmitis, 402

Glaucoma
 Argon laser treatment for medically unresponsive attacks of angle-closure glaucoma, 197
 Argon laser treatment for relief of medically unresponsive angle-closure glaucoma attacks (Corr.), 821
 Central corneal endothelial cell density and central corneal thickness in ocular hypertension and primary open-angle glaucoma, 610
 Clinical evaluation of the effects of topically applied levobunolol and timolol on increased intraocular pressure, 318
 Crowding of the peripheral nasal isopters in glaucoma, 4
 Crowding of the peripheral nasal isopters in glaucoma (Corr.), 693
 Cysts of Tenon's capsule following filtration surgery, 522
 Effect of hospitalization on intraocular pressure, 519
 Loss of intraocular pressure control with Ocusert (Corr.), 262
 Medical treatment of glaucoma associated with cicatricial retinopathy of prematurity, 313
 Nonprogressive low-tension glaucoma with pigmentary dispersion, 190
 Pars plana filtering procedure (Corr.), 695
 Prevalence of older disease in a population study of subjects 65 years old and older, 181
 Remission of pigmentary glaucoma in a patient with subluxed lenses (Corr.), 812

Goblet cell
 Goblet cell response to vitamin A treatment for corneal xerophthalmia, 213

Gonioscopy
 Removing air bubbles from gonioscopic solution (Corr.), 817

H

Hemianopsia
 Plaque causing homonymous hemianopsia in multiple sclerosis identified by computed tomography, 229

Hemorrhage
 Experimental subretinal hemorrhage in rabbits, 762

Herpesvirus
 New understanding of ocular herpetic disease (Edit.), 119

History of ophthalmology
 Retrorenal fibroplasia (retinopathy of prematurity) (Edit.), 552

HLA antigen
 Beneficial effects of histocompatibility in high-risk corneal transplantation, 622
 Birdshot retinochoroidopathy associated with HLA-A29 antigen and immune responsiveness to retinal S-antigen, 147

Hyaluronidase
 Lysosomal hyaluronidase in the subretinal fluid of patients with rhegmatogenous retinal detachments, 58

I

Idiopathic preretinal gliosis
 Idiopathic preretinal gliosis, 44

Infants
 Conventional views about retinopathy of prematurity challenged (Corr.), 260
 Ocular refraction after penetrating keratoplasty with infant donor corneas, 534
 Revised classification of retinopathy of prematurity, 744
 Vitrectomy in infants and children with retinal detachments caused by cicatricial retrorenal fibroplasia, 305

Inferior oblique muscle
 Biphasic insertion of inferior oblique muscle (Corr.), 267

Instruments
 Irrigating posterior capsule polisher-curette (Corr.), 125

Intraocular foreign body
Mycobacterium chelonei keratitis, 398

Intraocular lens
 Insertion of posterior chamber intraocular lens (Corr.), 560
 Instrument for manipulating an intraocular lens (Corr.), 264
 Intraocular lenses and experimental bacterial endophthalmitis, 402
 Obtaining a high-quality retinal image with a biconvex intraocular lens, 87
 Presumed autoimmune corneal endotheliopathy (Corr.), 689
 Retrieval of the iris (Corr.), 263
 Traumatic expulsion of an intraocular lens (Corr.), 263

Intraocular pressure
 Cysts of Tenon's capsule following filtration surgery, 522
 Effect of hospitalization on intraocular pressure, 519
 Loss of intraocular pressure control with Ocusert (Corr.), 262

Iridocorneal endothelial syndrome
 Partial corneal involvement in the iridocorneal endothelial syndrome, 774

Iridocyclitis
 Iridocyclitis (Corr.), 823
 Iridocyclitis in two patients with hypocomplementemic cutaneous vasculitis, 111
 Role of the isoniazid therapeutic test in tuberculous uveitis, 511
 Vitrectomy in uveitis associated with ankylosing spondylitis, 300

Iris
 Nonprogressive low-tension glaucoma with pigmentary dispersion, 190
 Partial corneal involvement in the iridocorneal endothelial syndrome, 774
 Retrieval of the iris (Corr.), 263
 Ultrastructural study of carcinoid tumor of the iris, 357

Irrigating solutions
 Effect of intraocular irrigating solutions on lens clarity in normal and diabetic rabbits, 594

Ischemia
 Choroidal ischemia, 489

Isoniazid
 Role of the isoniazid therapeutic test in tuberculous uveitis, 511

J

Jackson, Edward
Clinical and experimental studies on retinal neovascularization.
XXXIX Edward Jackson Memorial Lecture, 715
The First Editor—Edward Jackson (Edit.), 809

K

Keratitis
Factors that influence the efficacy of topical gentamicin prophylaxis for experimental *Pseudomonas* keratitis, 216
Interstitial linear keratitis, 606
Mycobacterium chelonei keratitis, 398

Keratoconus
Astigmatism after keratoplasty—possible cause and method of prevention (Corr.), 556
Fitting bandage lenses on flattened corneas (Corr.), 419

Keratoplasty
Astigmatism after keratoplasty—possible cause and method of prevention (Corr.), 556
Fitting bandage lenses on flattened corneas (Corr.), 419
Ocular refraction after penetrating keratoplasty with infant donor corneas, 554
Technique for suture removal after penetrating keratoplasty, 549

Klebsiella sp.
Septic retinal cyst in endogenous *Klebsiella* endophthalmitis (Corr.), 124

L

Lacrimal apparatus
Air-bubble test for lacrimal system patency (Corr.), 561
Congenital lacrimal sac mucoceles, 106
Modified Crawford hook for lacrimal intubation, 255
Silicone intubation for obstruction of the nasolacrimal duct in children, 585
Silicone tube intubation in disorders of the lacrimal system in children, 290

Lacrimal gland
Combined clinical and computed tomographic diagnosis of primary lacrimal fossa lesions, 785
Ectopic lacrimal gland under the nasal mucosa (Corr.), 418

Laser
Argon laser photocoagulation for juxtafoveal subretinal neovascular membranes (Corr.), 426
Argon laser treatment for medically unresponsive attacks of angle-closure glaucoma, 197
Argon laser treatment for relief of medically unresponsive angle-closure glaucoma attack (Corr.), 821
Laser light-scattering of in vivo human lenses (Corr.), 683
Reopening filtration fistulas with the argon laser, 1

Lens
Allopurinol therapy and cataractogenesis in humans, 141
Cataracts associated with allopurinol therapy, 137
Effect of intraocular irrigating solutions on lens clarity in normal and diabetic rabbits, 594
Laser light-scattering of in vivo human lenses (Corr.), 683
Remission of pigmentary glaucoma in a patient with subluxed lenses (Corr.), 812

Lensectomy
Pars plana filtering procedure (Corr.), 695

Leukopenia
Isolated lateral rectus muscle palsy associated with leukopenia in two adults, 550

Levbunolol
Clinical evaluation of the effects of topically applied levobunolol and timolol on increased intraocular pressure, 318

Lupus erythematosus
Autoimmune retrobulbar optic neuritis, 11

M

Macula
Autosomal dominant inheritance of retinoschisis, 338
Cyclic macular edema, 664
Cystoid macular edema presumably induced by dipyivefrin hydrochloride (Propine) (Corr.), 682

Experimental subretinal hemorrhage in rabbits, 762
High incidence of retinal detachment secondary to macular hole in a Chinese population (Corr.), 817
Macular cysts and holes (Corr.), 819
New approach to treating retinal detachment with macular hole, 468
Ocular and systemic manifestations of the Bardet-Biedl syndrome, 750
Prevalence of ocular disease in a population study of subjects 65 years and older, 181
Pseudohypopyon in Best's vitelliform macular dystrophy, 30
Massive periretinal proliferation
Experimental intraocular proliferation and neovascularization, 450
Fluorouracil for the treatment of massive periretinal proliferation, 458
Meetings, Conferences, Symposia
125th Anniversary of the German Ophthalmological Society (VON NOORDEN, G. K.), 808
XIII Meeting of the Jules Gonin Club (AABERG, T. M.), 115
Meibomian gland
Histopathology of meibomian gland dysfunction, 383
Melanoma
Apparent small cluster of choroidal melanoma cases, 172
Histopathology of presumed ocular histoplasmosis, 369
Ocular melanoma (Corr.), 687
Methylprednisolone
Autoimmune retrobulbar optic neuritis, 11
Microphthalmos
Anomalous intraocular and periocular formation of adipose tissue, 344
Mucocele
Congenital lacrimal sac mucoceles, 106
Multiple sclerosis
Plaque causing homonymous hemianopsia in multiple sclerosis identified by computed tomography, 229
***Mycelia* sp.**
Fungal flora of the conjunctival sac, 67
***Mycobacterium* sp.**
***Mycobacterium chelonei* keratitis, 398**
Myopathy
Alternative to marginal myotomy, 285
Myopia
Autosomal recessive vitreoretinopathy and encephaloceles, 18
Mechanism of transient myopia induced by sulfonamide therapy, 99
Ocular refraction after penetrating keratoplasty with infant donor corneas, 534

N

***Neisseria* sp.**
***Neisseria subflava* endophthalmitis (Corr.), 423**
Neovascularization
Argon laser photocoagulation for juxtafoveal subretinal neovascular membranes (Corr.), 426
Clinical and experimental studies on retinal neovascularization. XXXIX Edward Jackson Memorial Lecture, 715
Experimental intraocular proliferation and neovascularization, 450
Fluorouracil for the treatment of massive periretinal proliferation, 458
Nitrofurantoin
Lateral rectus muscle palsy associated with nitrofurantoin (Macrodantin) (Corr.), 816
***Nocardia* sp.**
***Nocardia asteroides* corneal ulcer (Corr.), 123**
Nystagmus
Unidirectional gaze paretic nystagmus induced by phenytoin intoxication (Corr.), 122

O

Obituaries
Isaac Michaelson (NEWELL, F. W.), 417

Ocular injuries
Axonal transport injury caused by diving (Corr.), 813
Changing aspects of management of ocular trauma (Edit.), 258
Survey of ocular injuries sustained in traffic accidents (Corr.), 683

Open-angle glaucoma
Central corneal endothelial cell density and central corneal thickness in ocular hypertension and primary open-angle glaucoma, 610

Clinical evaluation of the effects of topically applied levobunolol and timolol on increased intraocular pressure, 318
Effect of hospitalization on intraocular pressure, 519

Optic disk
Unusual findings in serpiginous choroiditis, 650

Optic nerve
Anomalous intraocular and periocular formation of adipose tissue, 344
Axonal transport injury caused by diving (Corr.), 813

Optic neuritis
Autoimmune retrobulbar optic neuritis, 11

Orbit
Alveolar soft-part sarcoma (Corr.), 554
Combined clinical and computed tomographic diagnosis of orbital lymphoid tumors, 235
Orbital floor fractures (Corr.), 692
Orbital metastasis of bladder carcinoma (Corr.), 265
Paresis and restriction of the inferior rectus muscle after orbital floor fracture, 81
Resorbable implant for orbital defects, 547

P

Pars plana vitrectomy
Vitrectomy in uveitis associated with ankylosing spondylitis, 300

Penetrating keratoplasty
Ocular refraction after penetrating keratoplasty with infant donor corneas, 534
Technique for suture removal after penetrating keratoplasty, 549

Penicillamine
Penicillamine, vitreous proliferation, and retinopathy of prematurity (Corr.), 688

Phenytoin
Unidirectional gaze paretic nystagmus induced by phenytoin intoxication (Corr.), 122

Photocoagulation
Argon laser photocoagulation for juxtapfoveal subretinal neovascular membranes (Corr.), 426

Photoreceptor cell
Experimental subretinal hemorrhage in rabbits, 762

Pigment dispersion syndrome
Remission of pigmentary glaucoma in a patient with subluxed lenses (Corr.), 812

Pigment epithelium
Enlargement of congenital hypertrophy of the retinal pigment epithelium, 64

Pilocarpine
Effect of hospitalization on intraocular pressure, 519
Loss of intraocular pressure control with Ocuser (Corr.), 262
Super Glue mistaken for pilocarpine (Corr.), 267

Prader-Willi syndrome
Oculocutaneous albinism as a manifestation of reduced neural crest derivatives in the Prader-Willi syndrome, 328

Presbyopia
Correction of presbyopia accompanied by alternating exotropia (Corr.), 125

Presumed ocular histoplasmosis
Histopathology of presumed ocular histoplasmosis, 369

Proptosis
Oculocardiac reflex during postoperative muscle adjustment (Corr.), 422

Prosopagnosia
Prosopagnosia, 75

Pseudohypopyon
Pseudohypopyon in Best's vitelliform macular dystrophy, 30

Pseudomonas sp.
Factors that influence the efficacy of topical gentamicin prophylaxis for experimental *Pseudomonas* keratitis, 216

R

Radial keratotomy
Complications of contact lens wear after radial keratotomy in an animal model, 377

Rectus muscle
Alternative to marginal myotomy, 285
Isolated lateral rectus muscle palsy associated with leukopenia in two adults, 550
Lateral rectus muscle palsy associated with nitrofurantoin (Macrodantin) (Corr.), 816
Oculocardiac reflex during postoperative muscle adjustment (Corr.), 422
Orbital floor fractures (Corr.), 692
Paresis and restriction of the inferior rectus muscle after orbital floor fracture, 81

Refraction
Ocular refraction after penetrating keratoplasty with infant donor corneas, 534

Retina
Autosomal dominant inheritance of retinoschisis, 338
Birdshot retinochoroidopathy associated with HLA-A29 antigen and immune responsiveness to retinal S-antigen, 147
Clinical and experimental studies on retinal neovascularization. XXXIX Edward Jackson Memorial Lecture, 715
Conventional views about retinopathy of prematurity challenged (Corr.), 260
Enlargement of congenital hypertrophy of the retinal pigment epithelium, 64
Experimental subretinal hemorrhage in rabbits, 762
Idiopathic preretinal gliosis, 44
Obtaining a high-quality retinal image with a biconvex intraocular lens, 87
Presumed toxoplasmic retinochoroiditis in four siblings, 656
Pseudo-inflammatory fundus dystrophy with autosomal recessive inheritance, 634
Retinal irradiation from vitrectomy endoilluminators, 26
Retinal phlebitis with chorioretinal emboli, 49
Role of hypersensitivity reactions to *Toxoplasma* antigens in experimental ocular toxoplasmosis in nonhuman primates, 159
Septic retinal cyst in endogenous *Klebsiella* endophthalmitis (Corr.), 124
Transmission and scanning electron microscopic study of surgically excised preretinal membrane proliferations in diabetes mellitus, 473
Yellow filter to decrease the risk of light damage to the retina during vitrectomy, 677

Retinal detachment
Bacterial endophthalmitis following cutting of sutures after cataract surgery, 528
Fluorouracil for the treatment of massive periretinal proliferation, 458
High incidence of retinal detachment secondary to macular hole in a Chinese population (Corr.), 817
Incidence of retinal detachment in Rochester, Minnesota, 1970-1978, 670
Lysosomal hyaluronidase in the subretinal fluid of patients with rhegmatogenous retinal detachments, 58
New approach to treating retinal detachment with macular hole, 468
Self-inflicted ocular injuries in children, 630
Syphilitic retinal detachment and uveal effusion, 757
Vitrectomy in infants and children with retinal detachments caused by cicatricial retrofetal fibroplasia, 305

Retinal pigment epithelium
Unusual findings in serpiginous choroiditis, 650

Retinitis pigmentosa
Assessing the risk of retinitis pigmentosa with age-of-onset data, 38

Retinitis pigmentosa (Corr.), 695

Retinoblastoma
Fluorescein angiography in retinoblastoma (Corr.), 824

Retinopathy
Autosomal recessive vitreoretinopathy and encephaloceles, 18
Effect of continuous subcutaneous insulin infusion treatment on proliferative diabetic retinopathy (Corr.), 685
Effect of pregnancy on the natural course of diabetic retinopathy—correction (Corr.), 696
Medical treatment of glaucoma associated with cicatricial retinopathy of prematurity, 313
Penicillamine, vitreous proliferation, and retinopathy of prematurity (Corr.), 688
Prevalence of ocular disease in a population study of subjects 65 years old and older, 181
Retrofetal fibroplasia (retinopathy of prematurity) (Edit.), 552
Revised classification of retinopathy of prematurity, 744

Retinoschisis
Autosomal dominant inheritance of retinoschisis, 338

Retrofetal fibroplasia
Clinical and experimental studies on retinal neovascularization. XXXIX Edward Jackson Memorial Lecture, 715
Conventional views about retinopathy of prematurity challenged (Corr.), 260
Medical treatment of glaucoma associated with cicatricial retinopathy of prematurity, 313
Penicillamine, vitreous proliferation, and retinopathy of prematurity (Corr.), 688

Retrobulbar fibroplasia (retinopathy of prematurity) (Edit.), 552
 Revised classification of retinopathy of prematurity, 744
 Vitrectomy in infants and children with retinal detachments caused by cicatricial retrobulbar fibroplasia, 305

Rhizoectota sp.
 Fungal flora of the conjunctival sac, 67

Rod
 Ocular and systemic manifestations of the Bardet-Biedl syndrome, 750

S

S antigen
 Birdshot retinochoroidopathy associated with HLA-A29 antigen and immune responsiveness to retinal S-antigen, 147

Sarcoma
 Alveolar soft-part sarcoma (Corr.), 554

Sclera
 Bilateral posterior scleral ossification, 351

Serpiginous choroiditis
 Unusual findings in serpiginous choroiditis, 650

Serratia sp.
 Sugar solutions for ocular infections (Corr.), 686

Slit lamp
 Comparison of slit-lamp applanation tonometers (Corr.), 419

Sodium hyaluronate
 Caution on sodium hyaluronate (Healon) syringe (Corr.), 559
 Sodium hyaluronate (Healon) as an aid to internal fluid-gas exchange (Corr.), 557

Spectacles
 Making moisture-chamber spectacles, 256

Staphylococcus sp.
 Bacterial endophthalmitis following cutting of sutures after cataract surgery, 528
 Intraocular lenses and experimental bacterial endophthalmitis, 402

Stiles-Crawford effect
 Cyclic macular edema, 664

Strabismus
 Divergence paralysis, 506
 Oculocardiac reflex during postoperative muscle adjustment (Corr.), 422

Streptococcus sp.
 Bacterial endophthalmitis following cutting of sutures after cataract surgery, 528

Sulfonamide
 Mechanism of transient myopia induced by sulfonamide therapy, 99

Sulfur hexafluoride
 Results of sulfur hexafluoride gas in vitreous surgery, 165

Surgery
 Auricular cartilage (Corr.), 563
 Nosepiece for the operating prism loupe (Corr.), 815
 Surgical drape support, 113

Suture
 Bacterial endophthalmitis following cutting of sutures after cataract surgery, 528
 Technique for suture removal after penetrating keratoplasty, 549

T

Tenon's capsule
 Cysts of Tenon's capsule following filtration surgery, 522

Timolol maleate
 Clinical evaluation of the effects of topically applied levobunolol and timolol on increased intraocular pressure, 318
 Effect of hospitalization on intraocular pressure, 519

Tonometry
 Comparison of slit-lamp applanation tonometers (Corr.), 419

Toxoplasma sp.
 Presumed toxoplasmic retinochoroiditis in four siblings, 656

Toxoplasmosis
 Role of hypersensitivity reactions to *Toxoplasma* antigens in experimental ocular toxoplasmosis in nonhuman primates, 159

Trabecular meshwork
 Nonprogressive low-tension glaucoma with pigmentary dispersion, 190

Treponema sp.
 Syphilitic retinal detachment and uveal effusion, 757

Triamcinolone acetonide
 Nonsurgical therapy of chalazion (Corr.), 424

Tumor
 Combined clinical and computed tomographic diagnosis of orbital lymphoid tumors, 235
 Expression of surface antigen Leu 1 by ocular adnexal lymphoid neoplasms, 246
 Retinoids and intraocular tumors (Corr.), 425
 Ultrastructural study of carcinoid tumor of the iris, 357

U

Ulcer
Mycobacterium chelonei keratitis, 398

Ultrasonography
 Serous choroidal detachment and the thickened-choroid sign detected by ultrasonography, 499

Uvea
 Shallow anterior chamber and uveal effusion after nonperforating trauma to the eye, 782
 Syphilitic retinal detachment and uveal effusion, 757

Uveitis
 Role of the isoniazid therapeutic test in tuberculous uveitis, 511
 Vitrectomy in uveitis associated with ankylosing spondylitis, 300

V

Visual acuity
 Idiopathic preretinal gliosis, 44
 New visual acuity charts for clinical research, 91
 Recurrence of lattice corneal dystrophy type 1 in the corneal grafts of twins, 540
 Standardized illumination for visual acuity testing in clinical research, 97

Visual field
 Crowding of the peripheral nasal isopters in glaucoma, 4
 Nonprogressive low-tension glaucoma with pigmentary dispersion, 190
 Prosopagnosia, 75

Vitamin
 Goblet cell response to vitamin A treatment for corneal xerophthalmia, 213
 Retinoids and intraocular tumors (Corr.), 425

Vitrectomy
 Early vitrectomy in the severely traumatized eye (Corr.), 563
 Pars plana filtering procedure (Corr.), 695
 Retinal irradiance from vitrectomy endoilluminators, 26
 Vitrectomy in infants and children with retinal detachments caused by cicatricial retrobulbar fibroplasia, 305
 Vitrectomy in uveitis associated with ankylosing spondylitis, 300
 Yellow filter to decrease the risk of light damage to the retina during vitrectomy, 677

Vitreous
 Autosomal recessive vitreoretinopathy and encephaloceles, 18
 Autosomal recessive vitreoretinopathy and encephaloceles (Corr.), 820
 Penicillamine, vitreous proliferation, and retinopathy of prematurity (Corr.), 688
 Results of sulfur hexafluoride gas in vitreous surgery, 165
 Self-inflicted ocular injuries in children, 630
 Sodium hyaluronate (Healon) as an aid to internal fluid-gas exchange (Corr.), 557

W

Wagner's disease
 Autosomal recessive vitreoretinopathy and encephaloceles (Corr.), 820

X

Xerophthalmia
 Goblet cell response to vitamin A treatment for corneal xerophthalmia, 213

AUTHOR INDEX

A

AABERG, T. M.: XIII Meeting of the Jules Gonin Club, 115
AABERG, T. M.: See BRINTON, G. S., 258
AABERG, T. M.: See CAMPO, R. V., 750
ABBOTT, G. F.: See JAKOBIEC, F. A., 785
ABBOTT, G. F.: See YEO, J. H., 235
ABRAMS, G. W., SWANSON, D. E., SABATES, W. I., and GOLDMAN, A. I.: Results of sulfur hexafluoride gas in vitreous surgery, 165
ABRAMS, G. W.: See HAIMANN, M. H., 594
ABRAMS, J., and SCHLAEGEL, T. F., JR.: Role of the isoniazid therapeutic test in tuberculous uveitis, 511
ALANKO, H. I.: See FORSIUS, H. R., 634
ALLAN, B. C.: See MARTINEZ, G. S., 181
ALPER, M. G.: See JAKOBIEC, F. A., 785
ANDERSON, D. R.: Secondary Glaucomas, by Ritch, R., and Shields, M. B. (eds.) (Bk. Rev.), 698
ANDERSON, R.: See JAKOBIEC, F. A., 785
ANDO, N., and TAKATORI, K.: Fungal flora of the conjunctival sac, 67
APPLE, D. J., DAGHER, C. Y., SHAMMAS, H. F., and MILLER, K.: Anomalous intraocular and periocular formation of adipose tissue, 344
ARCHER, D. B., and GARDINER, T. A.: Ultrastructural study of carcinoid tumor of the iris, 357
ARNOLD, P. N.: Manual of Ophthalmic Terminology, by Stein, H. A., Slatt, B. J., and Cook, P. (Bk. Rev.), 273
ASBELL, P. A., VÉRNUD, C. H., and HOFELDT, A. J.: Presumed toxoplasmic retinochoroiditis in four siblings, 656
AXELROD, J. L., and KOCHMAN, R. S.: Cefoperazone concentrations in human aqueous humor after intravenous administration, 103

B

BAILEY, I.: See FERRIS, F. L., III, 91
BARAD, R. F.: See SHIELDS, J. A., 569
BARROWS, N. A.: See KROHÉL, G. B., 506
BAUM, J.: See CORWIN, J. M., 111
BEARD, C. M.: See WILKES, S. R., 670
BECK, R. W., SAVINO, P. J., SCHATZ, N. J., SMITH, C. H., and SERGOTT, R. C.: Plaque causing homonymous hemianopsia in multiple sclerosis identified by computed tomography, 229
BECKER, B.: See KOREY, M., 610
BELKIN, M.: See LOBEL, D., 413
BELMONT, J. B., and MICHELSON, J. B.: Vitrectomy in uveitis associated with ankylosing spondylitis, 300
BENSINGER, R. E.: See CHUANG, E. L., 547
BEN-SIRA, I.: See YASSUR, Y., 338
BERGEN, R. L.: See LOURIA, D. B., 172
BERGMAN, D.: See HYAMS, S. W., 519
BHAN, A. K., YUKIUCHI, L. S., and FOSTER, C. S.: T-cell subsets and Langerhans cells in normal and diseased conjunctiva, 205
BIGLAN, A. W.: See WEINSTINE, G. S., 106
BIRD, A. C.: See GAUDRIC, A., 489
BLUMENKRANZ, M. S., OPHIR, A., CLAFLIN, A. J., and HAJEK, A.: Fluorouracil for the treatment of massive periretinal proliferation, 458
BLUMENKRANZ, M. S.: See OPHIR, A., 450
BOGDEN, J. D.: See LOURIA, D. B., 172
BOLDREY, E. E., and SCHWARTZ, A.: Enlargement of congenital hypertrophy of the retinal pigment epithelium, 64
BONNER, R. F.: See MEYERS, S. M., 26, 677
BORDA, R. P.: See HITTNER, H. M., 328
BORYSEWICZ, M. L.: Chicago Style Manual, 13th ed. (Bk. Rev.), 570
BOURNE, W. M.: Partial corneal involvement in the iridocorneal endothelial syndrome, 774
BOVINO, J. A., and MARCUS, D. F.: Mechanism of transient myopia induced by sulfonamide therapy, 99
BRESNICK, G. H.: Procedures for Testing Color Vision, by Pokorny, J., Collins, B., Howett, G., Lakowski, R., Lewis, M., Moreland, J., Paulson, H., Smith, V. C., and Shevell, S. (Bk. Rev.), 567
BRESNICK, G. H.: See FERRIS, F. L., III, 91
BRINTON, G. S., and AABERG, T. M.: Changing aspects of management of ocular trauma (Edit.), 258

BROWN, D. V. L.: Your Eyes, 2nd ed., by Chalkley, T. (Bk. Rev.), 272

BRUCE, R. A., JR.: See MEWIS, L., 428

BURDE, R. M.: See DUTTON, J. J., 11

C

CALDWELL, D. R.: Extended Wear Contact Lenses for Aphakia and Myopia, by Hartstein, J. (ed.) (Bk. Rev.), 569

CAMPBELL, A. J.: See MARTINEZ, G. S., 181

CAMPO, R. V., and AABERG, T. M.: Ocular and systemic manifestations of the Bardet-Biedl syndrome, 750

CARPEL, E. F.: Surgical drape support, 113

CASKEY, P. J.: See CLARK, W. M., 395

CHANDLER, D.: See HAMILTON, C. W., 473

CHUANG, E. L., and BENSINGER, R. E.: Resorbable implant for orbital defects, 547

CITRIN, C. M.: See JAKOBIEC, F. A., 785

CLAFLIN, A. J.: See BLUMENKRANZ, M. S., 458

CLAFLIN, A. J.: See OPHIR, A., 450

CLARK, S. W., III: See DELUISE, V. P., 757

CLARK, W. M., HEATON, K. T., SNIDER, G. R., REEVE, R. B., CASKEY, P. J., and OLSON, R. J.: Donor eye contamination, 395

CLARKE, W. N.: See NOEL, L.-P., 630

COLLART, P.: See DELUISE, V. P., 757

COLLINS, J. W.: See WESLEY, R. E., 591

CONNOR, J. M.: See PATRINELY, J. R., 351

COOK, G. R., and KNOBLOCH, W. H.: Autosomal recessive vitreoretinopathy and encephaloceles, 18

CORBETT, J. J.: See THOMPSON, H. S., 415

CORWIN, J. M., and BAUM, J.: Iridocyclitis in two patients with hypocomplementemic cutaneous vasculitis, 111

COSCAS, G.: See GAUDRIC, A., 469

COSGROVE, K. W., JR.: See FRAUNFELDER, F. T., 137

COUMBIS, R. J.: See LOURIA, D. B., 172

CRANE, T. B., YEE, R. D., HEPLER, R. S., and HALLINAN, J. M.: Clinical manifestations and radiologic findings in craniopharyngiomas in adults, 220

CRAWFORD, J. S.: See KRAFT, S. P., 290

D

DAGHER, C. Y.: See APPLE, D. J., 344

DAVIDORF, F. H.: See MEWIS, L., 428

DAVIS, R. H., and VANORMAN, E. W.: Making moisture-chamber spectacles, 256

DAVIS, S. D.: See NASSIF, K. F., 216

DE LA PEÑA, W.: See KOENIG, S., 549

DELUISE, V. P., CLARK, S. W., III, SMITH, J. L., and COLLART, P.: Syphilitic retinal detachment and uveal effusion, 757

DE OLIVEIRA RASSI, M., and SHIELDS, M. B.: Crowding of the peripheral nasal isopters in glaucoma, 4

DIVINE, K. S.: See NASSIF, K. F., 216

DORTZBACH, R. K., FRANCE, T. D., KUSHNER, B. J., and GONZERING, R. S.: Silicone intubation for obstruction of the nasolacrimal duct in children, 585

DOTAN, S., and OLIVER, M.: Shallow anterior chamber and uveal effusion after nonpenetrating trauma to the eye, 782

DREIS, M. W.: See FRAUNFELDER, F. T., 137

DUFFIN, R. M.: See KATZ, H. R., 377

DUTTON, J. J., BURDE, R. M., and KLINGELE, T. G.: Autoimmune retrobulbar optic neuritis, 11

DUZMAN, E., OBER, M., SCHARRER, A., and LEOPOLD, I. H.: Clinical evaluation of the effects of topically applied levobunolol and timolol on increased intraocular pressure, 318

E

EDELHAUSER, H. F.: See HAIMANN, M. H., 594

ELLENBERGER, C., JR.: Spontan- und Provokations-Nystagmus, 2nd ed., by Minnigerode, B., and Stenger, H. H. (Bk. Rev.), 128

ERIKSSON, A. W.: See FORSIUS, H. R., 634

F

FARNSWORTH, P. N.: See LOURIA, D. B., 172

FERRELL, R. E.: See HITTNER, H. M., 328

FERRIS, F. L., III, KASSOFF, A., BRENSICK, G. H., and BAILEY, I.: New visual acuity charts for clinical research, 91

FERRIS, F. L., III, and SPERDUTO, R. D.: Standardized illumination for visual acuity testing in clinical research, 97

FERRY, A. P.: See KLINTWORTH, G. K., 540

FINE, S. L.: See SIDD, R. J., 44

FINKESTEIN, D.: See STERNBERG, P., JR., 664

FITZKE, F.: See STERNBERG, P., JR., 664

FORSIUS, H. R., ERIKSSON, A. W., SUVANTO, E. A., and ALAN-KO, H. I.: Pseudoinflammatory fundus dystrophy with autosomal recessive inheritance, 634

FOSTER, C. S.: See BHAN, A. K., 205

FOULKS, G. N., and SANFILIPPO, F.: Beneficial effects of histocompatibility in low-risk corneal transplantation, 622

FRANCE, T. D.: See DORTZBACH, R. K., 585

FRAUNFELDER, F. T.: Ophthalmology. Principles and Concepts, 5th ed., by Newell, F. W. (Bk. Rev.), 569

FRAUNFELDER, F. T., HANNA, C., DREIS, M. W., and COSGROVE, K. W., JR.: Cataracts associated with allopurinol therapy, 137

FREY, B.: See TABBARA, K. F., 388

FRIEDLAENDER, M. H.: See MEISLER, D. M., 398

FUJIKAWA, L. S.: See BHAN, A. K., 205

G

GARDNER, T. A.: See ARCHER, D. B., 357

GARDNER, K.: See LERMAN, S., 141

GAUDRIC, A., COSCAS, G., and BIRD, A. C.: Choroidal ischemia, 489

GELENDER, H.: Bacterial endophthalmitis following cutting of sutures after cataract surgery, 528

GHOSHEH, R.: See NEWMAN, P. E., 159

GIESER, D.: See KOREY, M., 610

GLASSER, D. B.: See KATZ, H. R., 377

GLATT, H., and MACHEMER, R.: Experimental subretinal hemorrhage in rabbits, 762

GOLDMAN, A. I.: See ABRAMS, G. W., 165

GOLDSTEIN, H. R.: See LOURIA, D. B., 172

GONNERING, R. S.: See DORTZBACH, R. K., 585

CONVERS, M., and MACHEMER, R.: New approach to treating retinal detachment with macular hole, 468

GOODMAN, R. S.: See YASSUR, Y., 338

GORDON, M.: See KOREY, M., 610

GRABNER, G.: See SCHWAB, I. R., 606

GRAUL, E.: See KOENIG, S., 534

GREEN, W. R.: See NUSENBLATT, R. B., 147

GREEN, W. R.: See PATRINELY, J. R., 49, 351

GREEN, W. R.: See SOMMER, A., 213

GUSS, R.: See KOENIG, S., 549

GUTGESELL, V. J., STERN, G. A., and HOOD, C. I.: Histopathology of meibomian gland dysfunction, 383

H

HAIMANN, M. H., ABRAMS, G. W., EDELHAUSER, H. F., and HATCHELL, D. L.: Effect of intracocular irrigating solutions on lens clarity in normal and diabetic rabbits, 594

HAJEK, A.: See BLUMENKRANZ, M. S., 458

HALL, J.: See TABBARA, K. F., 388

HALLINAN, J. M.: See CRANE, T. B., 220

HAMILTON, C. W., CHANDLER, D., KLINTWORTH, G. K., and MACHEMER, R.: Transmission and scanning electron microscopic study of surgically excised preretinal membrane proliferation in diabetes mellitus, 473

HAMMOND, J.: See LOURIA, D. B., 172

HANNA, C.: See FRAUNFELDER, F. T., 137

HARA, S.: See HAYASAKA, S., 58

HARTNETT, M. E.: See KROHEL, G. B., 506

HATCHELL, D. L.: See HAIMANN, M. H., 594

HAYASAKA, S., SHIONO, T., HARA, S., and MIZUNO, K.: Lysosomal hyaluronidase in the subretinal fluid of patients with rhegmatogenous retinal detachments, 58

HEATON, K. T.: See CLARK, W. M., 395

HECKENLIVELY, J. R.: See SEIFF, S. R., 38

HEPLER, R. S.: See CRANE, T. B., 220

HERZIG, R. H.: See LASS, J. H., 617

HITTNER, H. M., KING, R. A., RICCIARDI, V. M., LEDBETTER, D. H., BORDA, R. P., FERRELL, R. E., and KRETZER, F. L.: Oculocutaneous albinismoidism as a manifestation of reduced neural crest derivatives in the Prader-Willi syndrome, 328

HOCHMAN, M. S.: Isolated lateral rectus muscle palsy associated with leukopenia in two adults, 550

HOFELDT, A. J.: See ASBELL, P. A., 656

HOOD, C. I.: See GUTGESELL, V. J., 383

HOPEN, G., MONDINO, B. J., KOZY, D., and LIPKOWITZ, J.: Intraocular lenses and experimental bacterial endophthalmitis, 402

HYAMS, S. W., BERGMAN, D., and KEROUB, C.: Effect of hospitalization on intraocular pressure, 519

HYNDIUK, R. A.: See NASSIF, K. F., 216

I

IRVINE, A. R.: See LIGHTFOOT, D., 305

J

JAKOBIEC, F. A., YEO, J. H., TROKEL, S. L., ABBOTT, G. F., ANDERSON, R., CITRIN, C. M., and ALPER, M. G.: Combined clinical and computed tomographic diagnosis of primary lacrimal fossa lesions, 785

JAKOBIEC, F. A.: See KNOWLES, D. M., II, 246

JAKOBIEC, F. A.: See YEO, J. H., 235

JOHNSON, L.: See QUINN, G. E., 744

K

KAFFE, S.: See YASSUR, Y., 338

KANSKI, J. J., YOUNG, J. H., and VOGL, R.: Penetration of intravenously administered ceftoxitin into the aqueous humor of inflamed human eyes, 516

KAPLAN, H. J.: Diagnosis and Management of Uveitis, by Friedman, A. H., Luntz, M. L., and Henly, W. L. (Bk. Rev.), 428

KASS, M. A.: See KOREY, M., 610

KASSOFF, A.: See FERRIS, F. L., III, 91

KATZ, H. R., DUFFIN, R. M., GLASSER, D. B., and PETTIT, T. H.: Complications of contact lens wear after radial keratotomy in an animal model, 377

KAUFMAN, H. E.: New understanding of ocular herpetic disease (Ed.), 119

KAUFMAN, H. E.: See KOENIG, S., 534

KAY, M. C., and LEVIN, H. S.: Prosopagnosia, 75

KEENEY, A. H.: Why Is My Child Different?, by Millar, R. E. (Bk. Rev.), 700

KENNEDY, J. S.: Studies in Ophthalmic Pathology and Oncology, by Jakobiec, F. A., and Zimmerman, L. E. (eds.) (Bk. Rev.), 826

KEROUB, C.: See HYAMS, S. W., 519

KHALIL, M. K.: Histopathology of presumed ocular histoplasmosis, 369

KINCAID, M. C.: Ocular Pathology. A Text and Atlas, 2nd ed., by Yanoff, M., and Fine, B. S. (Bk. Rev.), 427

KING, R. A.: See HITTNER, H. M., 328

KLINGELE, T. G.: See DUTTON, J. J., 11

KLINTWORTH, G. K., FERRY, A. P., SUGAR, A., and REED, J.: Recurrence of lattice corneal dystrophy type 1 in the corneal grafts of twins, 540

KLINTWORTH, G. K.: See HAMILTON, C. W., 473

KNOBLOCH, W. H.: See COOK, G. R., 18

KNOWLES, D. M., II, JAKOBIEC, F. A., and WANG, C. Y.: Expression of surface antigen Leu 1 by ocular adnexal lymphoid neoplasia, 246

KOCHMAN, R. S.: See AXELROD, J. L., 103

KOENIG, S., GRAUL, E., and KAUFMAN, H. E.: Ocular refraction after penetrating keratoplasty with infant donor corneas, 534

KOENIG, S., GUSS, R., and DE LA PEÑA, W.: Technique for suture removal after penetrating keratoplasty, 549

KOREY, M., GIESER, D., KASS, M. A., WALTMAN, S. R., GORDON, M., and BECKER, B.: Central corneal endothelial cell density and central corneal thickness in ocular hypertension and primary open-angle glaucoma, 610

KOZY, D.: See HOPEN, G., 402

KRAFT, S. P., and CRAWFORD, J. S.: Silicone tube intubation in disorders of the lacrimal system in children, 290

KRAUSHAR, M. F., MARGOLIS, S., MORSE, P. H., and NUGENT, M. E.: Pseudohypopyon in Best's vitelliform macular dystrophy, 30

KRETZER, F. L.: See HITTNER, H. M., 328

KROHEL, G. B., TOBIN, D. R., HARTNETT, M. E., and BARROWS, N. A.: Divergence paralysis, 506

KURLAND, L. T.: See WILKES, S. R., 670

KUSHNER, B. J.: Pareisis and restriction of the inferior rectus muscle after orbital fracture, 81

KUSHNER, B. J., and SONDEHEIMER, S.: Medical treatment of glaucoma associated with cicatricial retinopathy of prematurity, 313

KUSHNER, B. J.: See DORTZBACH, R. K., 585

L

LASS, J. H., LAZARUS, H. M., REED, M. D., and HERZIG, R. H.: Topical corticosteroid therapy for corneal toxicity from systemically administered cytarabine, 617

LAVENHAR, M. A.: See LOURIA, D. B., 172

LAYDEN, W. E.: Study Guide for Glaucoma, by Shields, M. B. (Bk. Rev.), 699

LAZARUS, H. M.: See LASS, J. H., 617

LEDGEBETTER, D. H.: See HITTNER, H. M., 328

LEONE, C. R., JR.: Gelfoam-thrombin dacryocystorhinostomy stent, 412

LEOPOLD, I. H.: See DUZMAN, E., 318

LERMAN, S., MEGAW, J. M., and GARDNER, K.: Allopurinol therapy and cataractogenesis in humans, 141

LETSON, A. D.: See MEWIS, L., 428

LEVIN, H. S.: See KAY, M. C., 75

LIGHTFOOT, D., and IRVINE, A. R.: Vitrectomy in infants and children with retinal detachments caused by cicatricial retro-lental fibroplasia, 305

LIPKOWITZ, J.: See HOOPEN, G., 402

LOBEL, D., and BELKN, M.: Transilluminated lid plate and chalazion clamp, 413

LOURIA, D. B., COUMBIS, R. J., LAVENHAR, M. A., BOGDEN, J. D., FARNSWORTH, P. N., BERGEN, R. L., GOLDSTEIN, H. R., and HAMMOND, J.: Apparent small cluster of choroidal melanoma cases, 172

M

MACHEMER, R.: See GLATT, H., 762

MACHEMER, R.: See GONVERS, M., 468

MACHEMER, R.: See HAMILTON, C. W., 473

MARCUS, D. F.: See BOVINO, J. A., 99

MARGOLIS, S.: See KRAUSHAR, M. F., 30

MARTINEZ, G. S., CAMPBELL, A. J., REINKEN, J., and ALLAN, B. C.: Prevalence of ocular disease in a population study of subjects 65 years old and older, 181

MAUMENE, A. E.: See NUSSENBLATT, R. B., 147

MCCORD, C. D.: See SHORE, J. W., 255

MCCULLOCH, C.: Ophthalmic Surgery. Principles and Practice, by Spaeth, G. L. (ed.) (Bk. Rev.), 696

MEGAW, J. M.: See LERMAN, S., 141

MEISLER, D. M., FRIEDLAENDER, M. H., and OKUMOTO, M.: *Mycobacterium chelonei* keratitis, 398

MEREDITH, T. A.: Merck Manual, 14th ed., by Berkow, R. (ed.) (Bk. Rev.), 828

MEREDITH, T. A.: See WOJNO, T., 650

MEWIS, L., TANG, R. A., DAVIDORF, F. H., LETSON, A. D., and BRUCE, R. A., JR.: Chemotherapy for choroidal metastases from breast carcinoma, 93-810; correction, 428

MEYERS, S. M., and BONNER, R. F.: Retinal irradiance from vitrectomy endoilluminators, 26

MEYERS, S. M., and BONNER, R. F.: Yellow filter to decrease the risk of light damage to the retina during vitrectomy, 677

MICHELSON, J. B.: See BELMONT, J. B., 300

MILLER, K.: See APPLE, D. J., 344

MITTAL, K. K.: See NUSSENBLATT, R. B., 147

MIZUNO, K.: See HAYASAKA, S., 58

MONDINO, B. J.: See HOOPEN, G., 402

MOORE, F. D.: Mirror for self-examination by a patient with an aphakic eye, 674

MORSE, P. H.: See KRAUSHAR, M. F., 30

N

NASSIF, K. F., DAVIS, S. D., HYNDIUK, R. A., SARFF, L. D., and DIVINE, K. S.: Factors that influence the efficacy of topical gentamicin prophylaxis for experimental *Pseudomonas* keratitis, 216

NEUHAUS, R. W., and SHORR, N.: Use of room temperature vulcanizing silicone in anophthalmic enophthalmos, 408

NEWELL, F. W.: The First Editor—Edward Jackson (Ed.), 809

NEWELL, F. W.: Isaac Michaelson (Obit.), 417

NEWELL, F. W.: THE JOURNAL—1982 (Ed.), 678

NEWELL, F. W.: Monographs in Ophthalmology. 4. Lens Implantation. 30 Years of Progress, by Leonard, P., and Rommel, J. (Bk. Rev.), 699

NEWELL, F. W.: Pathobiology of Ocular Disease. A Dynamic Approach, by Garner, A., and Klintworth, G. K. (eds.) (Bk. Rev.), 126

NEWMAN, N.: Walsh and Hoyt's Clinical Neuro-Ophthalmology, 4th ed., by Miller, N. R. (ed.) (Bk. Rev.), 570

NEWMAN, P. E., GHOSHEH, R., TABBARA, K. F., O'CONNOR, G. R., and STERN, W.: Role of hypersensitivity reactions to *Toxoplasma* antigens in experimental ocular toxoplasmosis in nonhuman primates, 159

NISSENKORN, I.: See YASSUR, Y., 338

NOEL, L.-P., and CLARKE, W. N.: Self-inflicted ocular injuries in children, 630

NUGENT, M. E.: See KRAUSHAR, M. F., 30

NUSSENBLATT, R. B., MITTAL, K. K., RYAN, S., GREEN, W. R., and MAUMENE, A. E.: Birdshot retinochoroidopathy associated with HLA-A29 antigen and immune responsiveness to retinal S-antigen, 147

O

OBER, M.: See DUZMAN, E., 318

O'CONNOR, G. R.: See NEWMAN, P. E., 159

O'FALLON, W. M.: See WILKES, S. R., 670

OKUMOTO, M.: See MEISLER, D. M., 398

OLIVER, M.: See DOTAN, S., 782

OLSON, R. J.: See CLARK, W. M., 395

OPHIR, A., BLUMENKRANZ, M. S., and CLAFLIN, A. J.: Experimental intraocular proliferation and neovascularization, 450

OPHIR, A.: See BLUMENKRANZ, M. S., 458

OSTLER, H. B.: See SCHWAB, I. R., 606

OWENS, S. L.: See SIDD, R. J., 44

P

PARKS, M. M.: Visual results in aphakic children, 441

PATRINELY, J. R., GREEN, W. R., and CONNOR, J. M.: Bilateral posterior scleral ossification, 351

PATRINELY, J. R., GREEN, W. R., and RANDOLPH, M. E.: Retinal phlebitis with chorioretinal emboli, 49

PATTERSON, J. H.: See WEINSTEIN, G. S., 106

PATZ, A.: Clinical and experimental studies on retinal neovascularization. XXXIX Edward Jackson Memorial Lecture, 715

PATZ, A.: Retrolental fibroplasia (retinopathy of prematurity) (Ed.), 552

PATZ, A.: See SIDD, R. J., 44

PEARLMAN, J. T.: See SEIFF, S. R., 38

PERKINS, E. S.: Nutritional Blindness. Xerophthalmia and Keratomalacia, by Sommer, A. (Bk. Rev.), 127

PETTIT, T. H.: See KATZ, H. R., 377

POMERANTZEFF, O.: See WANG, G.-J., 87

Q

QUINN, G. E., SCHAFFER, D. B., and JOHNSON, L.: Revised classification of retinopathy of prematurity, 744

R

RANDOLPH, M. E.: See PATRINELY, J. R., 49

REED, J.: See KLINTWORTH, G. K., 540

REED, M. D.: See LASS, J. H., 617

REEVE, R. B.: See CLARK, W. M., 395

REINKEN, J.: See MARTINEZ, G. S., 181

RICCARDI, V. M.: See HITTNER, H. M., 328

RITCH, R.: Argon laser treatment for medically unresponsive attacks of angle-closure glaucoma, 197

RITCH, R.: Nonprogressive low-tension glaucoma with pigmentary dispersion, 190

ROBERTSON, D. M.: See WILKES, S. R., 670

RYAN, S.: See NUSSENBLATT, R. B., 147

S

SABATES, W. I.: See ABRAMS, G. W., 165

SAKURAGI, S.: See TABBARA, K. F., 388

SANFILIPPO, F.: See FOULKES, G. N., 622

SARFF, L. D.: See NASSIF, K. F., 216

SAVINO, P. J.: See BECK, R. W., 229

SCHAFFER, D. B.: See QUINN, G. E., 744

SCHRARRER, A.: See DUZMAN, E., 318

SCHATZ, N. J.: See BECK, R. W., 229

SCHEPENS, C. L.: See WING, G. L., 499

SCHLAEDEL, T. F., JR.: See ABRAMS, J., 511

SCHWAB, I. R., GRABNER, G., and OSTLER, H. B.: Interstitial linear keratitis, 606

SCHWARTZ, A.: See BOLDREY, E. E., 64

SEIFF, S. R., HECKENLIVELY, J. R., and PEARLMAN, J. T.: Assessing the risk of retinitis pigmentosa with age-of-onset data, 38

SERGOTT, R. C.: See BECK, R. W., 229

SHAMMAS, H. F.: See APPLE, D. J., 344

SHIELDS, J. A., and BARAD, R. F.: Los Melanomas Uveales, by Royo, S. B., Simon, A. M., and Compte, R. B. (Bk. Rev.), 569

SHIELDS, M. B.: See DE OLIVEIRA RASSI, M., 4

SHIONO, T.: See HAYASAKA, S., 58

SHOCH, D.: Richard G. Scobee Memorial Foundation (Edit.), 680

SHORE, J. W., and MCCORD, C. D.: Modified Crawford hook for lacrimal intubation, 255

SHORR, N.: See NEUHAUS, R. W., 408

SIDD, R. J., FINE, S. L., OWENS, S. L., and PATZ, A.: Idiopathic preretinal gliosis, 44

SMITH, C. H.: See BECK, R. W., 229

SMITH, J. L.: See DELUISE, V. P., 757

SNIDER, G. R.: See CLARK, W. M., 395

SOMMER, A.: Guide to Trachoma Control in Programmes for the Prevention of Blindness, by Dawson, C. R., Jones, B. R., and Tarizzo, M. L. (Bk. Rev.), 271

SOMMER, A., and GREEN, W. R.: Goblet cell response to vitamin A treatment for corneal xerophthalmia, 213

SONDHEIMER, S.: See KUSHNER, B. J., 313

SPERDUTO, R. D.: See FERRIS, F. L., III, 97

STERN, G. A.: See GUTGESELL, V. J., 383

STERN, W.: See NEWMAN, P. E., 159

STERNBERG, P., JR., FITZKE, F., and FINKELSTEIN, D.: Cyclic macular edema, 664

SUGAR, A.: See KLINTWORTH, G. K., 540

SUVANTO, E. A.: See FORSIUS, H. R., 634

SWANSON, D. E.: See ABRAMS, G. W., 165

T

TABBARA, K. F., SAKURAGI, S., HALL, J., and FREY, B.: Effects of conjunctival resection on the corneal immune response, 388

TABBARA, K. F.: See NEWMAN, P. E., 159

TAKATORI, K.: See ANDO, N., 67

TANG, R. A.: See MEWIS, L., 428

TAYLOR, H. R.: Control of Vitamin A Deficiency and Xerophthalmia. Report of a Joint WHO/UNICEF/USAID/Helen Keller International/IVACG Meeting (Bk. Rev.), 568

THOMPSON, H. S., and CORBETT, J. J.: Computed tomography (Edit.), 415

TOBIN, D. R.: See KROHEL, G. B., 506

TOPPING, T. M.: Ophthalmology (Pocket Consultant), by Trevor-Roper, P. D. (Bk. Rev.), 827

TREMPE, C. L.: See WING, G. L., 499

TROKEL, S. L.: See JAKOBIEC, F. A., 785

TROKEL, S. L.: See YEO, J. H., 235

V

VAN BUSKIRK, E. M.: Cysts of Tenon's capsule following filtration surgery, 522

VAN BUSKIRK, E. M.: Reopening filtration fistulas with the argon laser, 1

VANORMAN, E. W.: See DAVIS, R. H., 256

VERMUND, S. H.: See ASBELL, P. A., 656

VOGEL, R.: See KANSKI, J. J., 516

VON NOORDEN, G. K.: Alternative to marginal myotomy, 285

VON NOORDEN, G. K.: 125th Anniversary of the German Ophthalmological Society, 808

W

WALLENTHIS, D.: See WILLIAMS, D. L., 675

WALTMAN, S. R.: See KOREY, M., 610

WANG, C. Y.: See KNOWLES, D. M., II, 246

WANG, G.-J., and POMERANTZEFF, O.: Obtaining a high-quality retinal image with a biconvex intraocular lens, 87

WEINSTEIN, G. S., BIGLAN, A. W., and PATTERSON, J. H.: Congenital lacrimal sac mucoceles, 106

WEITER, J. J.: See WING, G. L., 499

WESLEY, R. E., and COLLINS, J. W.: Basal cell carcinoma of the eyelid as an indicator of multifocal malignancy, 591

WILKES, S. R., BEARD, C. M., KURLAND, L. T., ROBERTSON, D. M., and O'FALLON, W. M.: Incidence of retinal detachment in Rochester, Minnesota, 1970-1978, 670

WILLIAMS, D. L., and WALLENTHIS, D.: Stopcock for use during extracapsular cataract extraction, 675

WING, G. L., SCHEPENS, C. L., TREMPE, C. L., and WEITER, J. J.: Serous choroidal detachment and the thickened-choroid sign detected by ultrasonography, 499

WOJNO, T., and MEREDITH, T. A.: Unusual findings in serpiginous choroiditis, 650

Y

YASSUR, Y., NISSENKORN, I., BEN-SIRA, I., KAFFE, S., and GOODMAN, R. M.: Autosomal dominant inheritance of retinoblastoma, 338

YEE, R. D.: See CRANE, T. B., 220

YEO, J. H., JAKOBIEC, F. A., ABBOTT, G. F., and TROKEL, S. L.: Combined clinical and computed tomographic diagnosis of orbital lymphoid tumors, 235

YEO, J. H.: See JAKOBIEC, F. A., 785

YOUNG, J. H.: See KANSKI, J. J., 516

ABSTRACT INDEX

A

Acyclovir

- Acyclovir and vidarabine for the treatment of herpes simplex keratitis, 829
- Clinical evaluation of acyclovir in the treatment of ulcerative herpetic keratitis, 829
- Double-blind clinical trial of acyclovir and adenine arabinoside in herpetic corneal ulceration, 829
- Multicenter trial of acyclovir and trifluorothymidine in herpetic keratitis, 829

Adenoma

- Limited value of ophthalmological examinations for detection of recurrent pituitary adenoma, 434

Adnexa

- Ocular adnexal lymphoid neoplasms. Clinical, histopathologic, electron microscopic, and immunologic characteristics, 279
- Sebaceous carcinomas of the ocular adnexa, 279

Adrenoleukodystrophy

- Brain stem auditory, visual and somatosensory evoked potentials in leukodystrophies, 704

Agraphia

- Alexis and agraphia in Wernicke's aphasia, 832

Alexia

- Alexia and agraphia in Wernicke's aphasia, 832
- Word and letter reading and the mechanism of the third alexia, 129

Allergy

- Limited form of Churg-Strauss syndrome, 572

Amblyopia

- Hyperacuity and amblyopia, 706

Amitriptyline

- Amitriptyline. Another cause of internuclear ophthalmoplegia with coma, 703

Anesthesia

- Interaction of intraocular air and sulfur hexafluoride with nitrous oxide. A computer simulation, 429

Anisocoria

- Pseudo-Horner's syndrome, 130

Antigen

- Thygeson's superficial punctate keratitis. Natural history and association with HLA DR3, 132

Aphakia

- Long-term follow-up study of cystoid macular edema in aphakic and pseudophakic eyes, 135

Aphasia

- Alexis and agraphia in Wernicke's aphasia, 832
- Word and letter reading and the mechanism of the third alexia, 129

Astrocytoma

- Biological and clinical behaviour of pilocytic astrocytomas of the optic pathways, 703

B

Bacillus sp.

- Bacillus cereus* panophthalmitis. Source of the organism, 435

Bell's palsy

- Diagnosis and management of facial paralysis, 707

Binocularity

- Computational model of binocular depth perception, 575

Biometry

- Fetal ocular biometry by ultrasound, 576

Blepharoplasty

- Minor complication of blepharoplasty, 575

Blepharoptosis

- Neuro-ophthalmic signs and symptoms of hysteria, 434

- Ocular side effects of cancer chemotherapy, 430

- Oculopharyngeal muscular dystrophy, 281

- Pseudo-Horner's syndrome, 130

Blepharospasm

- Decongestant-induced blepharospasm and orofacial dystonia, 433

Blindness

- Guide to trachoma control in programmes for the prevention of blindness, 283

- Optic nerve hypoplasia. Septo-optic-pituitary dysplasia syndrome, 132

Pathology of a retinal degeneration in Friesian cows

- Visual hallucinations in blindness. The Charles Bonnet syndrome, 832

Blowout fracture

- Another look at blow-out fractures of the orbit, 703

- Blow-out fractures of the orbit. A comparison of computed tomography and conventional radiography with anatomical correlation, 576

Brain

- Conjugate gaze paresis in stroke patients with unilateral damage. An unexpected instance of hemispheric asymmetry, 830

C

Carcinoma

- Sebaceous carcinomas of the ocular adnexa, 279

Cataract

- Endophthalmitis caused by *Moraxella nonliquefaciens*, 278

- Geographic approach to senile cataracts. Possible links with milk consumption, lactase activity, and galactose metabolism, 431

- Long-term follow-up study of cystoid macular edema in aphakic and pseudophakic eyes, 135

- Sorbitol protection of lens protein components and cell hydration during diabetic cataract formation, 282

- Spontaneous healing of a cataract with secondary glaucoma, 434

Cefazolin

- Ocular penetration of subconjunctival oxacillin, methicillin, and cefazolin in rabbits with staphylococcal endophthalmitis, 832

Central retinal vein

- Central retinal vein occlusion. A prospective histopathologic study of 29 eyes in 28 cases, 283

Charles Bonnet syndrome

- Visual hallucinations in blindness. The Charles Bonnet syndrome, 832

Chiasm

- Evoked potentials in the evaluation of visual field defects due to chiasmal or retrochiasmal lesions, 833

Children

- Early surgical alignment for congenital esotropia, 133

- Radiation therapy in the management of ocular juvenile xanthogranuloma, 573

- Studies of retinopathy and the plasma co-factor of platelet hyperaggregation in type 1 (insulin-dependent) diabetic children, 831

Chloroquine

- Chloroquine retinopathy. Is there a safe daily dose?, 129

Chloropropamide

- Chloropropamide-induced optic neuropathy, 129

Choroid

- Rhegmatogenous retinal detachment complicated by severe intracocular inflammation, hyponyton, and choroidal detachment, 134

Churg-Strauss syndrome

- Limited form of Churg-Strauss syndrome, 572

Cogan-Reese syndrome

- Clinicopathological correlation in Cogan-Reese syndrome, 705

Complement

- Complement activation by nylon- and polypropylene-looped prosthetic intraocular lenses, 432

Computed tomography

- Blow-out fractures of the orbit. A comparison of computed tomography and conventional radiography with anatomical correlation, 576

- Irradiation dose to the lens of the eye during CT of the head, 833

- Subperiosteal hematomas of the orbit. Angiographic and computed tomographic diagnosis, 576

Congenital disorders

- Development of the trabecular meshwork and its abnormality in primary infantile glaucoma, 132

- Early surgical alignment for congenital esotropia, 133

- Severe cardiac and ophthalmologic malformations in an infant exposed to diphenylhydantoin in utero, 131

Conjunctiva

- Incidence of Sjögren's sicca complex in a population of patients with keratoconjunctivitis sicca, 278

Conjunctivitis

- Conjunctivitis-otitis syndrome, 834

Contact lens

Ocular inflammation in patients using soft contact lenses, 830
Cornea
 Acyclovir and vidarabine for the treatment of herpes simplex keratitis, 829
 Clinical evaluation of acyclovir in the treatment of ulcerative herpetic keratitis, 829
 Double-blind clinical trial of acyclovir and adenine arabinoside in herpetic corneal ulceration, 829
 Effects of ophthalmic preservatives on corneal epithelium of the rabbit. A scanning electron microscopical study, 131
 Experimental *Pseudomonas* keratitis, 133
 Human rabies transmitted by corneal transplant, 130
 Incidence of Sjögren's sicca complex in a population of patients with keratoconjunctivitis sicca, 278
 Multicenter trial of acyclovir and trifluorothymidine in herpetic keratitis, 829
 Thygeson's superficial punctate keratitis. Natural history and association with HLA DR3, 132
 Wilson's disease. Electron microscopic, X-ray energy spectroscopic, and atomic absorption spectroscopic studies of corneal copper deposition and distribution, 573

Cystoid macular edema

Long-term follow-up study of cystoid macular edema in aphakic and pseudophakic eyes, 135

Cytomegalovirus

Ocular findings of acute cytomegalovirus infection in an immunologically competent adult, 575

D**Diabetes**

Photocoagulation therapy of proliferative retinopathy in young onset type I (insulin-dependent) diabetes, 831
 Reversal of abnormalities in ocular fluorophotometry in insulin-dependent diabetes after five to nine months of improved metabolic control, 430
 Sorbinil protection of lens protein components and cell hydration during diabetic cataract formation, 282
 Studies of retinopathy and the plasma co-factor of platelet hyperaggregation in type I (insulin-dependent) diabetic children, 831
 Use of an implantable insulin pump in the treatment of type II diabetes, 706

Diabetic retinopathy

Diagnosis of diabetic eye disease, 433
 Effect of 6 months of strict metabolic control on eye and kidney function in insulin-dependent diabetics with background retinopathy, 574
 Low density lipoprotein cholesterol. An association with the severity of diabetic retinopathy, 431

Diphenylhydantoin

Severe cardiac and ophthalmologic malformations in an infant exposed to diphenylhydantoin in utero, 131

Diplopia

Ocular side effects of cancer chemotherapy, 430

Drugs

Ocular side effects of cancer chemotherapy, 430

Drusen

Drusen patterns predisposing to geographic atrophy of the retinal pigment epithelium, 430

Dyslexia

History of writing and its relevance for the linguistic disorder in dyslexia, 833

E**Endophthalmitis**

Endophthalmitis caused by *Moraxella nonliquefaciens*, 278
 Ocular penetration of subconjunctival oxacillin, methicillin, and cefazolin in rabbits with staphylococcal endophthalmitis, 832

Esotropia

Early surgical alignment for congenital esotropia, 133

Exophthalmos

Effect on exophthalmos of various methods of treatment of Graves' disease, 280

Eyelid

Role of the lateral canthal tendon in lower eyelid laxity, 283

G**Gangliosidosis**

Oculomotor abnormalities in chronic GM2 gangliosidosis, 282

Genetics

Evidence for a chronic axonal atrophy in oculopharyngeal "muscular dystrophy", 702
 Lysosomal storage diseases, 282
 Oculomotor abnormalities in chronic GM2 gangliosidosis, 282
 Oculopharyngeal muscular dystrophy, 281

Glaucoma

Comparison between peripheral iridectomy with thermal sclerotomy and trabeculectomy. A controlled study, 572
 Development of the trabecular meshwork and its abnormality in primary infantile glaucoma, 132
 Spontaneous healing of a cataract with secondary glaucoma, 434
Graves' disease
 Effect on exophthalmos of various methods of treatment of Graves' disease, 280
 Graves' ophthalmopathy and subclinical hypothyroidism. Diagnostic value of the thyrotropin releasing hormone test, 831

H**Hemangioma**

Visual loss from cavernous hemangiomas of the middle cranial fossa, 429

Hemangiopericytoma

Hemangiopericytoma of the orbit. A clinicopathologic study of 30 cases, 432

Hematoma

Subperiosteal hematomas of the orbit. Angiographic and computed tomographic diagnosis, 576

Hemianopsia

Direct demonstration of transsynaptic degeneration in the human visual system. A comparison of retrograde and anterograde changes, 433

Hemophilus sp.

Conjunctivitis-otitis syndrome, 834

Herpes simplex

Acyclovir and vidarabine for the treatment of herpes simplex keratitis, 829

Herpesvirus

Clinical evaluation of acyclovir in the treatment of ulcerative herpetic keratitis, 829
 Double-blind clinical trial of acyclovir and adenine arabinoside in herpetic corneal ulceration, 829
 Multicenter trial of acyclovir and trifluorothymidine in herpetic keratitis, 829

Herpes zoster

Diagnosis and management of facial paralysis, 707

Histiocytoma

Fibrous histiocytoma of the orbit. A clinicopathologic study of 150 cases, 432

HLA antigen

Thygeson's superficial punctate keratitis. Natural history and association with HLA DR3, 132

Horner's syndrome

Pseudo-Horner's syndrome, 130

Hypertelorism

Glabellar osteectomy and orbital craniotomies with microscopic control for correction of hypertelorism. A preliminary report of microcraniofacial surgery in two patients, 707

Hypoplasia

Maxillary sinus hypoplasia and superior orbital fissure asymmetry, 574

I**Infants**

Development of the trabecular meshwork and its abnormality in primary infantile glaucoma, 132

Fetal ocular biometry by ultrasound, 576

Radiation therapy in the management of ocular juvenile xanthogranuloma, 573

Retina of the newborn human infant, 576

Severe cardiac and ophthalmologic malformations in an infant exposed to diphenylhydantoin in utero, 131

Intraocular lens

Complement activation by nylon- and polypropylene-looped prosthetic intraocular lenses, 432

Intraocular pressure

Race, iris pigmentation, and intraocular pressure, 429

Iridectomy

Comparison between peripheral iridectomy with thermal sclerostomy and trabeculectomy. A controlled study, 572
Radiation therapy in the management of ocular juvenile xanthogranuloma, 573

Iris

Clinicopathological correlation in Cogan-Reese syndrome, 705
Look into my eyes. Iridology exposed, 575
Primary cysts of the iris, 135
Race, iris pigmentation, and intraocular pressure, 429

Ischemia

Ischemic optic neuropathy. A complication of cardiopulmonary bypass surgery, 282

J**Junius-Kuhnt's senile disciform macular degeneration**

Argon laser treatment of pigment epithelial detachments and of subretinal neovascular membranes in Junius-Kuhnt's senile disciform macular degeneration. A prospective, randomized study, 431

K**Keratitis**

Acyclovir and vidarabine for the treatment of herpes simplex keratitis, 829
Clinical evaluation of acyclovir in the treatment of ulcerative herpetic keratitis, 829
Experimental *Pseudomonas* keratitis, 133
Multicenter trial of acyclovir and trifluorothymidine in herpetic keratitis, 829
Thygeson's superficial punctate keratitis. Natural history and association with HLA DR3, 132

Keratoconjunctivitis sicca

Incidence of Sjögren's sicca complex in a population of patients with keratoconjunctivitis sicca, 278

L**Laser**

Argon laser treatment of pigment epithelial detachments and of subretinal neovascular membranes in Junius-Kuhnt's senile disciform macular degeneration. A prospective, randomized study, 431

Lens

Histologic observations of the lenses of psoralen + UVA treated albino rats and a theory as to the underlying mechanism, 705
Irradiation dose to the lens of the eye during CT of the head, 833
8-Methoxysoralen and long ultraviolet effects on the rat lens. Experiments with high dosage, 704
Monocular deprivation in humans. A study of identical twins, 573
Ocular side effects of cancer chemotherapy, 430
Sorbinil protection of lens protein components and cell hydration during diabetic cataract formation, 282

Leukemia

Ocular side effects of cancer chemotherapy, 430

M**Macula**

Argon laser treatment of pigment epithelial detachments and of subretinal neovascular membranes in Junius-Kuhnt's senile disciform macular degeneration. A prospective, randomized study, 431

Long-term follow-up study of cystoid macular edema in aphakic and pseudophakic eyes, 135

Marfan's syndrome

Eye in the Marfan syndrome, 134

Melanoma

Uveal melanoma location, size, cell type, and enucleation as risk factors in metastasis, 280

Meningioma

Sphenoid pneumosinus dilatans. A sign of meningioma originating in the optic canal, 833

Methicillin

Ocular penetration of subconjunctival oxacillin, methicillin, and ceftazolin in rabbits with staphylococcal endophthalmitis, 832

Monocularity

Monocular deprivation in humans. A study of identical twins, 573

***Moraxella* sp.**

Endophthalmitis caused by *Moraxella nonliquefaciens*, 278

N**Nystagmus**

Acquired pendular nystagmus. Its characteristics, localising value and pathophysiology, 705

Wernicke-Korsakoff encephalopathy after gastric plication, 280

O**Ocular dominance**

Relationship among handedness, sighting dominance and acuity dominance in elementary school children, 130

Oculomotor nerve

Evidence for a chronic axonal atrophy in oculopharyngeal "muscular dystrophy", 702

Open-angle glaucoma

Comparison between peripheral iridectomy with thermal sclerostomy and trabeculectomy. A controlled study, 572

Ophthalmoplegia

Amitriptyline. Another cause of internuclear ophthalmoplegia with coma, 703

Optic atrophy

Optic atrophy induced by vincristine, 834

Optic nerve

Auditory evoked phosphene in optic nerve disease, 281

Direct demonstration of transsynaptic degeneration in the human visual system. A comparison of retrograde and anterograde changes, 433

Do visual evoked potentials give relevant information to the neuro-ophthalmological examination in optic nerve lesions?, 702

Optic nerve hypoplasia. Septo-optic-pituitary dysplasia syndrome, 132

Sphenoid pneumosinus dilatans. A sign of meningioma originating in the optic canal, 833

Optic neuropathy

Chlorpropamide-induced optic neuropathy, 129

Ischemic optic neuropathy. A complication of cardiopulmonary bypass surgery, 282

Orbit

Alveolar soft-part sarcoma of the orbit, 573

Another look at blow-out fractures of the orbit, 703

Blow-out fractures of the orbit. A comparison of computed tomography and conventional radiography with anatomical correlation, 576

Carcinoid tumors of the eye and orbit, 572

Fibrous histiocytoma of the orbit. A clinicopathologic study of 150 cases, 432

Glabellar osteotomy and orbital craniotomies with microscopic control for correction of hypertelorism. A preliminary report of microcraniofacial surgery in two patients, 707

Hemangiopericytoma of the orbit. A clinicopathologic study of 30 cases, 432

Maxillary sinus hypoplasia and superior orbital fissure asymmetry, 574

Subperiosteal hematomas of the orbit. Angiographic and computed tomographic diagnosis, 576

Oxacillin

Ocular penetration of subconjunctival oxacillin, methicillin, and ceftazolin in rabbits with staphylococcal endophthalmitis, 832

P**Panophthalmitis**

Bacillus cereus panophthalmitis. Source of the organism, 435

Parkinson's disease

Visual system abnormalities in patients with Parkinson's disease, 430

Pigment epithelium

Argon laser treatment of pigment epithelial detachments and of subretinal neovascular membranes in Junius-Kuhnt's senile disciform macular degeneration. A prospective, randomized study, 431

Drusen patterns predisposing to geographic atrophy of the retinal pigment epithelium, 430

Pneumocystis sp.

Retinal cotton-wool spots in a patient with *Pneumocystis carinii* infection, 706

Prednisone

Diagnosis and management of facial paralysis, 707

***Pseudomonas* sp.**

Experimental *Pseudomonas* keratitis, 133

Pseudotumor cerebri*Pseudotumor cerebri. A review*, 703

Visual loss in pseudotumor cerebri. Follow-up of 57 patients from five to 41 years and a profile of 14 patients with permanent severe visual loss, 830

PsoralenHistologic observations of the lenses of psoralen + UVA treated albino rats and a theory as to the underlying mechanism, 705
8-Methoxysoralen and long ultraviolet effects on the rat lens. Experiments with high dosage, 704**Pupil**

Neuro-ophthalmic signs and symptoms of hysteria, 434

R**Radiation therapy**

Radiation therapy in the management of ocular juvenile xanthogranuloma, 573

Rectus muscle

Use of ultrasonography in determining the amount of muscle surgery in strabismus, 830

Retina

Cell death in the mammalian visual system during normal development. I. Retinal ganglion cells, 281

Central retinal vein occlusion. A prospective histopathologic study of 29 eyes in 28 cases, 283

Drusen patterns predisposing to geographic atrophy of the retinal pigment epithelium, 430

Electroretinography and visual evoked responses in paediatric practice, 577

Interaction of intraocular air and sulfur hexafluoride with nitrous oxide. A computer simulation, 429

Ocular findings of acute cytomegalovirus infection in an immunologically competent adult, 575

Ocular side effects of cancer chemotherapy, 430

Pathology of a retinal degeneration in Friesian cows, 130

Retinal cotton-wool spots in a patient with *Pneumocystis carinii* infection, 706

Retinal damage in scrapie mice, 278

Retina of the newborn human infant, 576

Retinal detachment

Drainage of subretinal fluid. A randomized controlled clinical trial, 133

Rhegmatogenous retinal detachment complicated by severe intraocular inflammation, hypotony, and choroidal detachment, 134

Retinoblastoma

Bilateral retinoblastoma with ectopic intracranial retinoblastoma.

Trilateral retinoblastoma, 279

Highly predictable animal model of retinoblastoma, 702

Retinopathy

Chloroquine retinopathy. Is there a safe daily dose?, 129

Diagnosis of diabetic eye disease, 433

Effect of 6 months of strict metabolic control on eye and kidney function in insulin-dependent diabetics with background retinopathy, 574

Low density lipoprotein cholesterol. An association with the severity of diabetic retinopathy, 431

Photocoagulation therapy of proliferative retinopathy in young onset type 1 (insulin-dependent) diabetes, 831

Studies of retinopathy and the plasma co-factor of platelet hyperaggregation in type 1 (insulin-dependent) diabetic children, 831

S**Sarcoma**

Alveolar soft-part sarcoma of the orbit, 573

***Staphylococcus* sp.**

Ocular penetration of subconjunctival oxacillin, methicillin, and cefazolin in rabbits with staphylococcal endophthalmitis, 832

Strabismus

Botulinum toxin injection of eye muscles to correct strabismus, 134

Strabismus

Use of ultrasonography in determining the amount of muscle surgery in strabismus, 830

T**Tears**

Tear absorption into the filter paper strip used in the Schirmer-I-test.

ABSTRACT INDEX

A methodological study and a critical survey, 278

Thygeson's superficial punctate keratitis

Thygeson's superficial punctate keratitis. Natural history and association with HLA DR3, 132

Trabecular meshwork

Development of the trabecular meshwork and its abnormality in primary infantile glaucoma, 132

Trabeculectomy

Comparison between peripheral iridectomy with thermal sclerostomy and trabeculectomy. A controlled study, 572

Trachoma

Guide to trachoma control in programmes for the prevention of blindness, 283

Trifluorothymidine

Multicenter trial of acyclovir and trifluorothymidine in herpetic keratitis, 829

Tumor

Carcinoid tumors of the eye and orbit, 572

Ocular adnexal lymphoid neoplasms. Clinical, histopathologic, electron microscopic, and immunologic characteristics, 279

U**Ultrasonography**

Fetal ocular biometry by ultrasound, 576

Use of ultrasonography in determining the amount of muscle surgery in strabismus, 830

Uvea

Uveal melanoma location, size, cell type, and enucleation as risk factors in metastasis, 280

V**Vidarabine**

Acyclovir and vidarabine for the treatment of herpes simplex keratitis, 829

Double-blind clinical trial of acyclovir and adenine arabinoside in herpetic corneal ulceration, 829

Vincristine

Optic atrophy induced by vincristine, 834

Visual acuity

Hyperacuity and amblyopia, 706

Relationship among handedness, sighting dominance and acuity dominance in elementary school children, 130

Visual axis

Monocular deprivation in humans. A study of identical twins, 573

Visual cortex

David Hubel and Torsten Wiesel. Their contributions towards understanding the primary visual cortex, 577

Visual-evoked potential

Brain stem auditory, visual and somatosensory evoked potentials in leukodystrophies, 704

Do visual evoked potentials give relevant information to the neuro-ophthalmological examination in optic nerve lesions?, 702

Electroretinography and visual evoked responses in paediatric practice, 577

Evoked potentials in the evaluation of visual field defects due to chiasmal or retrochiasmal lesions, 833

Visual field

Evoked potentials in the evaluation of visual field defects due to chiasmal or retrochiasmal lesions, 833

Visual field defects in obstructive hydrocephalus, 705

Visual loss

Ischemic optic neuropathy. A complication of cardiopulmonary bypass surgery, 282

Organization of visual pathways in normal and visually deprived cats, 707

Visual loss from cavernous hemangiomas of the middle cranial fossa, 429

Vitreous

Reversal of abnormalities in ocular fluorophotometry in insulin-dependent diabetes after five to nine months of improved metabolic control, 430

W**Wernicke's aphasia**

Alexia and agraphia in Wernicke's aphasia, 832

Wilson's disease

Wilson's disease. Electron microscopic, X-ray energy spectroscopic, and atomic absorption spectroscopic studies of corneal copper deposition and distribution, 573

ADVERTISERS' INDEX

DECEMBER 1982

| | | | |
|--|--------------------|--|------------|
| Akorn, Inc. | 60, 61 | Joint Commission on Allied Health Personnel in Ophthalmology | 71 |
| Alcon Laboratories, Inc. | 2, 3 | | |
| Allergan Pharmaceuticals, Inc. | Cover 4, 7, 34, 35 | Ernest A. Katzen Memorial Eye Research Institute | 56 |
| Allied Ophthalmic Products | 42 | Keeler Instruments | 47 |
| American Intraocular Implant Society | 19 | King Faisal University | 70 |
| American Optical | 65 | F & F Koenigkramer | 30 |
| Aspen Corneal Society | 58 | Lasertek, Inc. | 18 |
| The Blaydes Clinic | 71 | Lenox Hill Hospital | 54 |
| Blaydes Foundation | 40, 70 | Lombart Instrument Company | 63 |
| Britt Corporation | 45 | Manhattan Eye, Ear & Throat Hospital | 58 |
| Burroughs Wellcome Company | Cover 2, 1, 27, 59 | Mentor O & O | 55 |
| Canon, U.S.A., Inc. | 26 | Miami Ophthalmological Society | 44 |
| Chicago Ophthalmological Society | 54 | Milwaukee Medical Clinic | 71 |
| Cilco, Inc. | 8, 24 | Muhlenberg Community Hospital | 72 |
| Coherent, Inc. | 37 | New Orleans Academy of Ophthalmology | 56 |
| Columbia University | 38 | New York Eye & Ear Infirmary | 68, 69 |
| CooperVision Pharmaceuticals | 16 | Optical Micro Systems | 17, 29 |
| CooperVision Systems | 12, 21, 46 | Paragon Optical | 33 |
| Digilab | 57 | Pearle Vision | 15 |
| Diversatronics, Inc. | 67 | Precision-Cosmet Company | 13, 14, 41 |
| Estelle Doheny Eye Foundation | 33, 50, 66 | Rocky Mountain Neuro-Ophthalmology Society | 36 |
| Duke University Eye Center | 46 | Shepard's New IOL Manual | 39 |
| Emory University School of Medicine | 69 | Sonometrics Systems, Inc. | 25 |
| The Eye Foundation | 38 | Soper International Ophthalmics | 39 |
| Eye Sat/Bethesda Eye Institute | 64 | Southern California Permanente Medical Group | 58 |
| Florida Midwinter Seminar | 68 | Jules Stein Eye Institute | 72 |
| Foundation for Ophthalmic Education | 23, 44 | Storz Instrument Company | 10, 11 |
| Grieshaber & Co. | 62 | Surgidev Corporation | Cover 3 |
| R. O. Gulden & Company | 48 | Topecon Instrument Corp. of America | 28 |
| Haag-Streit Service, Inc. | 49 | United Sonics, Inc. | 43 |
| Hospital of St. Raphael | 46 | University of Connecticut Health Center | 72 |
| Hospital for Sick Children | 72 | University of Louisville | 40 |
| Intermedics Intraocular | 31 | University of Texas | 32 |
| International Correspondence Society | 66 | Visidyne Corporation | 51, 67 |
| Interspecialty Facial Surgery Congress | 50 | Wallach Surgical Devices | 22 |
| IOLAB Corp. | 5, 20 | Washington Hospital Center | 42 |
| Isell-Diversatronics | 53 | Weiss Scientific Glass Blowing Company | 48 |
| S. Jackson, Inc. | 42 | The West Virginia Academy of Ophthalmology | 36 |
| Johns Hopkins University | 36 | Wills Eye Hospital | 52 |
| | | Carl Zeiss, Inc. | 9 |

